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UNITED STATES DEPARTMENT OF AGRICULTURE
MISCELLANEOUS CIRCULAR No. 17
Washington, D. C. April, 1924

# LIST OF WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE

## PART 2. State Agricultural Colleges and Experiment Stations

Prepared by the Office of Experiment Stations
E. W. ALLEN, Chief

1923–1924

WASHINGTON
GOVERNMENT PRINTING OFFICE
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[1] Died January 22, 1924.

## KEY TO ABBREVIATIONS.

*Acct.*, Accountant, Accounts.
*Actg.*, Acting.
*Admin.*, Administration, Administrative.
*Agr.*, Agriculture, Agriculturist, Agricultural.
*Agron.*, Agronomy, Agronomist.
*Agt.*, Agent.
*An.*, Animal.
*Anal.*, Analytical, Analysis.
*Anat.*, Anatomy.
*Arch.*, Architecture.
*Assoc.*, Associate, Association.
*Asst.*, Assistant.
*Bact.*, Bacteriology, Bacteriologist.
*Biochem.*, Biochemist, Biochemistry.
*Biol.*, Biology, Biologist, Biological.
*Bot.*, Botany, Botanist, Botanical.
*Brdg.*, Breeding.
*Chair.*, Chairman.
*Chem.*, Chemistry, Chemist, Chemical.
*Climat.*, Climatology, Climatologist.
*Coll.*, College.
*Comp.*, Comparative.
*Comn.*, Commission.
*Comr.*, Commissioner.
*Consult.*, Consulting.
*Coop.*, Cooperation, Cooperative, Cooperator.
*Corresp.*, Correspondence, Correspondent.
*Dem.*, Demonstration, Demonstrator.
*Dept.*, Department.
*Dir.*, Director.
*Dist.*, District.
*Div.*, Division.
*Dom.*, Domestic.
*Econ.*, Economy, Economic, Economics.
*Ed.*, Education.
*Ele.*, Elementary.
*Engin.*, Engineer, Engineering.
*Ent.*, Entomology, Entomologist, Entomological
*Erad.*, Eradication.
*Expt.*, Experiment, Experimentalist, Experimental.
*Ext.*, Extension.
*Fert.*, Fertility, Fertilizer.
*Flor.*, Floriculture, Floriculturist, Floricultural.
*For.*, Forestry.
*Gard.*, Gardening.
*Gen.*, General.
*Geol.*, Geology, Geologist, Geological.
*Grad.*, Graduate.
*Histol.*, Histology.
*Hon.*, Honorary.
*Hort.*, Horticulture, Horticulturist, Horticultural.
*Husb.*, Husbandry, Husbandman.
*Hyg.*, Hygiene.
*Indus.*, Industry, Industrial, Industries.
*Inorg.*, Inorganic.
*Insp.*, Inspection, Inspector.
*Instr.*, Instruction, Instructor.
*Insts.*, Institutes.
*Invest.*, Investigations, Investigational.
*Irrig.*, Irrigation, Irrigationist.
*Lab.*, Laboratory.
*Landsc.*, Landscape.
*Lect.*, Lecturer.
*Libr.*, Library, Librarian.
*Mach.*, Machine, Machinery.
*Mech.*, Mechanics, Mechanical.
*Met.*, Meteorology, Meteorologist.
*Mfg.*, Manufacturing.
*Mfrs.*, Manufactures.
*Mgr.*, Manager.
*Mgt.*, Management.
*Microbiol.*, Microbiology, Microbiologist.
*Mycol.*, Mycology, Mycologist.
*Nutr.*, Nurtition.
*Oler.*, Olericulture, Olericulturist.
*Org.*, Organic.
*Organ.*, Organization.
*Ornith.*, Ornithology, Ornithologist.
*Parasitol.*, Parasitology, Parasitologist.
*Path.*, Pathology, Pathologist.
*Pedag.*, Pedagogy, Pedagogics.
*Pharm.*, Pharmacy, Pharmacist, Pharmaceutical.
*Pharmacol.*, Pharmacology, Pharmacologist.
*Photog.*, Photography, Photographer.
*Phys.*, Physics, Physical.
*Physiol.*, Physiology, Physiologist, Physiological.
*Pomol.*, Pomology, Pomologist, Pomological.
*Pract.*, Practice, Practical.
*Prep.*, Preparatory.
*Pres.*, President.
*Prin.*, Principal.
*Prod.*, Production, Products.
*Prof.*, Professor.
*Pubs.*, Publications.
*Sci.*, Science, Scientific.
*Sec.*, Section.
*Secy.*, Secretary.
*Secon.*, Secondary.
*Sociol.*, Sociology.
*Sta.*, Station.
*Substa.*, Substation.
*Supt.*, Superintendent.
*Supvr.*, Supervisor.
*Surg.*, Surgery.
*Tech.*, Technology, Technologist, Technical.
*Treas.*, Treasurer.
*Trop.*, Tropical.
*Univ.*, University.
*Veg.*, Vegetable, Vegetation.
*Vet.*, Veterinary, Veterinarian.
*Vit.*, Viticulture, Viticulturist, Viticultural.
*Voc.*, Vocational.
*Zool.*, Zoology, Zoologist.

# STATE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS.

## ALABAMA.

**College of Agriculture and the Agricultural Experiment Station of the Alabama Polytechnic Institute,** *Auburn.*

*College faculty. †Station staff. ‡Extension staff.

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*†M. J. Funchess, M. S., *Actg. Dean Coll. of Agr., Actg. Dir. of Sta.*
‡L. N. Duncan, M. S., *Dir. of Ext. Service.*
*†C. A. Cary, B. S., D. V. M., *Dean Coll. of Vet. Med.*

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‡F. E. Boyd, M. S., *Ext. Agron.*
*D. J. Burleson, B. S., *Asst. Prof. Agron.*
*†F. W. Parker, Ph. D., *Asst. Prof. Agron.; Soil Chem.*
*J. W. Tidmore, B. S., *Instr. Agron.*
†H. B. Tisdale, M. S., *Assoc. in Plant Brdg.*
†J. T. Williamson, B. S., *Supt. of Coop. Expts.*

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‡J. E. Ivey, M. S., *Poultry Specialist.*
‡G. R. Riddell, *An. Husb. Specialist.*
†W. D. Salmon, M. A., *Asst. in An. Indus. Research.*

**Botany:** *†W. A. Gardner, Ph. D., *Head Prof. Bot., Plant Physiol.; Bot.*
*††L. E. Miles, Ph. D., *Prof. Plant Path.; Plant Path.*
*†Martin Palmer, B. S., *Instr. and Asst. in Bot.*
*†C. C. Zeliff, M. S., *Asst. Prof. and Asst. Bot.*

**Chemistry:** *B. B. Ross, M. S., LL. D., *Head Prof. Gen. and Agr. Chem. (State Chem.).*
*†E. R. Miller, Ph. D., *Head Research Prof. and Research Chem.*
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*C. A. Basore. M. S., *Asst. Prof. Chem.*
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*H. M. Martin, M. S., *Asst. Prof. Chem.*
*E. F. Pollard, M. S., *Instr. Chem.*
*P. P. Powell, M. S., *Assoc. Prof. Chem.*

**Education (Agr.):** *E. D. Stivers, B. S., *Prof. Agr. Ed.*
*S. L. Chesnutt, A. B., *Prof. Voc. Agr.*

**Engineering (Agr.):** *††M. L. Nichols, M. S., *Head Prof.*
*‡E. C. Easter, M. S., *Instr. Agr. Engin. and Specialist in Visual Instruction.*
‡L. C. LeBron, B. S., *Agr. Engin. Specialist.*
*J. W. Randolph, M. S., *Asst. Prof. Agr. Engin.*
††P. T. Simons, B. S., C. E., *Drainage Engin. (Coop. U. S. D. A.).*

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‡May I. Cureton, *Asst. State Home Dem. Agt.*
‡Helen Johnston, A. M., *Asst. State Home Dem. Agt.*
‡Elizabeth Mauldin, B. S., *Asst. State Home Dem. Agt.*
‡Gladys Tappan, *Asst. State Home Dem. Agt.*

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*Dana Gatchel, *Head Foods Dept.*
*Henrietta Thompson, *Head Clothing Dept.*
‡Josephine Eddy, *Clothing Specialist.*
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‡R. G. Briggs, A. M., *Hort. Specialist.*
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‡K. G. Baker, B. S., *Marketing Specialist.*
‡M. H. Pearson, B. S., *Marketing Specialist.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

NOTE.—These lists, which were compiled by Mary A. Agnew and Betty T. Richardson, of the Office of Experiment Stations, include only names of persons directly engaged in teaching, investigation, or demonstration in agriculture and home economics.

An asterisk (*) indicates a college officer, a dagger (†) a station officer, and a double dagger (‡) an extension worker. When the title of the position in the station differs from that in the college the latter is given first, except in the case of the director of the station. A key to the abbreviations used is given on page IV.

**Veterinary Medicine:** *†C. A. Cary, B. S., D. V. M., *Dean Coll. of Vet. Med.; Vet. (State Vet.). Dir. Farmers' Insts.*
*P. F. Bahnsen, V. S., *Lect. on Phys. Diagnosis.*
*N. G. Covington, D. V. M., M. D. C., *Asst. Prof. Physiol. and Vet. Diagnosis.*
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*D. J. Meador, B. S., D. V. M., *Lect. on Hyg. and Sanitation.*
*F. D. Patterson, jr., D. V. M., *Asst. Prof. Vet. Med.*
*R. S. Sugg, B. S., D. V. M., *Asst. Prof. Bact. and Path.*
*E. S. Winters, B. S., D. V. M., *Lect. on Anti-Hog Cholera Serum.*

**Zoology and Entomology:** *†F. L. Thomas,[1] Ph. D., *Actg. Head Prof. Zool. and Ent.; Acty. Ent.*
*F. E. Guyton, M. S., *Asst. Prof. Zool. and Ent.*
*†J. M. Robinson, M. A., *Assoc. Prof. Zool., Ent.; Asst. Ent.*

**Miscellaneous:**
†‡P. O. Davis, B. S., *Editor.*
*†‡M. A. Glenn, *Treas.*
*†Mary E. Martin, *Libr.*

**Canebrake Agricultural Experiment Station,** *Uniontown.*

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**Agricultural and Mechanical Institute for Negroes,** *Normal.*

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**Agricultural School and Agricultural Experiment Station of the Tuskegee Normal and Industrial Institute,** *Tuskegee Institute.*

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*B. F. Hubert, B. S., *Dir. of Agr. Dept.*
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‡C. J. Calloway, B. A., *Dir. of Ext. Dept.*

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*Rhena A. Banks, *Farm Accts.*
*H. B. Benson, *Swine Herd.*
*J. H. Bias, D. V. M., *Vet. Sci.*
‡T. M. Campbell, *Supt. U. S. Farm Dem.*
*T. N. Cowen, *Farm Mgt.*
*Annie P. Crews, *Dom. Sci.*
‡G. W. Goodwin, *U. S. Farm Dem.*
*E. A. Grant, L. I., *Dairy Herd and Creamery.*
*F. L. Green, M. S., *Home Econ., Dom. Sci.*
*W. W. Hayes, *Truck Gard.*
‡Rosa B. Jones, *State Home Dem. Agt.*
‡C. M. Kynette, *State Club Agt.*
*C. A. Lancaster, *Poultry Work.*
*Caroline C. Owens, *Home Planning and Furnishing.*
*Ophelia Pearson, *Sewing.*
*Hattie Reynolds, *Plain Sewing and Dressmaking.*
*S. B. Simmons, B. Agr., *Teacher Training in Agr.*
‡Harry Simms, *State Club Agt.*
*Motta L. Sims, B. A., *Dom. Sci.*
*Julia Skinner, *Ladies' Tailoring and Advance Dressmaking.*
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*D. A. Williston, B. S., *Dir. Dept. of Landsc. Gard.*
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*Elizabeth E. Kirkpatrick, M. S., *Prof. Home Econ.*
*C. H. Morgan, M. S., *Prof. Agr.*

[1] Goes to Texas station May 1, 1924.

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Under the supervision of the Office of Experiment Stations, United States Department of Agriculture.

†Station staff.

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†E. M. Floyd, *Asst. in charge, Rampart.*
†G. W. Gasser, B. S., *Asst. in charge, Fairbanks.*
†Hans Lindberg, *Asst. at Sitka.*
——— ——— ——— ———, *Asst. in charge, Matanuska.*
†M. D. Snodgrass, B. S., *Agt. in Dem. and Ext. Work (P. O., Matanuska).*
†H. O. White, *Asst. at Kodiak.*
†W. T. White, B. S., *Asst. in charge, Kodiak*

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G. M. Butler, E. M., Sc. D., *Dean Coll. of Engin.*

**Agronomy:** *†R. S. Hawkins, M. S., *Asst. Prof. and Actg. Agron.*
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*I. A. Briggs, M. S., *Instr. Agron.*
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*‡R. N. Davis, B. S., *Asst. Prof. and Asst. Dairy Husb.*
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*H. D. Clayberg, Ph. D., *Asst. Prof. Biol.*
*Mary H. Estill, M. S., *Instr. Biol.*
*†——— ———, *Instr. and Asst. Plant Path.*
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*H. W. Estill, M. S., *Asst. Prof. Chem.*
*L. E. Roberts, Ph. D., *Assoc. Prof. Chem.*
*†A. E. Vinson, Ph. D., *Asst. Prof. and Asst. Agr. Chem.*

**Education (Agr.):** *E. D. Doxsee, M. S., *Asst Prof. and Chief.*
*Albert Barnett, A. M., *Asst. Prof. Agr. Ed.*

**Engineering (Agr.):** *†G. E. P. Smith, B. S. C. E., *Prof. Irrig. Engin.; Irrig. Engin.*
†W. E. Code, B. S. C. E., *Asst. Irrig. Engin.*
*†H. C. Schwalen, B. S., *Instr. Irrig. Engin.; Asst. in Engin.*

**Extension (Admin.):** [1] Director Ross *in charge and County Agt. Leader.*
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‡Mrs. Mary P. Lockwood, B. S., *Asst. State Home Dem. Leader.*

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*DeRosette Thomas, B. S., *Prof. Home Econ.*
*Anna B. Anderson, *Instr. Home Econ.*
*Kate L. Bear, A. M., *Asst. Prof. Home Econ. Ed.*
*Bertha F. Lent, M. A., *Asst. Prof. Home Econ.*
*Gladys Webster, M. A., *Instr. Home Econ.*

**Horticulture:** *†F. J. Crider, M. S., *Prof. Hort.; Hort.*
*†D. W. Albert, B. S., *Asst. Prof. and Asst. Hort.*
‡A. F. Kinnison, B. S., *Ext. Hort.*

**Miscellaneous:**
*†C. Z. Lesher, B. S., *Editor.*
*Estelle Lutrell, A. B., *Libr.*

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Salt River Valley Farm, *P. O. Mesa*—C. J. Wood, *Foreman.*
Sulphur Spring Valley Dry Farm, *P. O., Cochise*—F. G. Gray, *Foreman.*
Tempe Date Palm Orchard, *P. O., Tempe*—T. L. Stapley, *Foreman.*
Yuma Valley and Mesa Farms, *P. O., Yuma*—Leslie Beaty, B. S., *Foreman.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

## ARKANSAS.

**College of Agriculture and the Agricultural Experiment Station of the University of Arkansas,** *Fayetteville.*

*College faculty. †Station staff. ‡Extension staff.

*J. C. Futrall, M. A., LL. D., *President of the University.*
*††Dan T. Gray, M. S., *Dean Coll. of Agr., Dir. of Sta., Dir. Agr. Ext. Service.*

**Agronomy:** *†Martin Nelson, M. S., *Head of Dept.*
*†R. H. Austin, B. S., *Instr. and Asst. Agron.*
*G. H. Cady, Ph. D., *Prof. Geol.*
*†C. K. McClelland, M. S., *Asst. Prof. and Asst. Agron.*
*†L. W. Osborn, B. S., *Asst. Prof. and Asst. Agron.*
*†W. H. Sachs, M. S., *Assoc. Prof. and Asst. Agron. (Soils).*
*†J. O. Ware, M. S., *Asst. Prof. and Asst. Agron.*

**Animal Husbandry and Dairying:** *†H. E. Dvorachek, B. S., *Head of Dept.*
*†Edgar Martin, B. S., *Asst. Prof. and Asst. An. Husb. (Beef Cattle and Horses).*
*†R. H. Mason, B. S., *Asst. Prof. and Asst. An. Husb. (Dairying).*
‡M. W. Muldrow, *Livestock Specialist (P. O., Little Rock).*
*†H. A. Sandhouse, M. S., *Assoc. Prof. and Asst. An. Husb.*
*†S. R. Stout, B. S., *Asst. Prof. and Asst. An. Husb. (Poultry).*
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‡W. H. Woodley, B. A., *Dairy Specialist.*

**Bacteriology:** *†W. L. Bleecker, D. V. M., *Head of Dept.*

**Chemistry:** *†J. W. Read, M. S., *Head Dept. of Agr. Chem.*
*†Barnett Sure, Ph. D., *Assoc. Prof. and Asst. Agr. Chem.*
*Harrison Hale, Ph. D., *Prof. Chem.*
*G. E. Ripley, M. S., *Prof. Phys.*

**Economics (Agr.):** *J. S. Waterman, M. A., J. D., *Head of Dept., Prof. Econ. and Sociol.*
‡E. A. Hodson, M. S., *Agt. in Cotton Marketing Dem.*
*A. W. Jamison, Ph. D., *Assoc. Prof. Econ. and Sociol.*
*‡A. D. McNair, *Prof. and Specialist in Farm Mgt. (Coop. U. S. D. A.).*

**Education (Agr.):** *E. B. Matthew, M. S., *Head of Dept.*
*T. A. Fritts, M. S., *Assoc. Prof. Agr. Ed.*

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‡Miss Leo Griffin, *Clothing Specialist (P. O., Little Rock).*
*Madge Johnson, B. S., *Asst. Prof. Home Econ.*
‡Ruby Mendenhall, *Home Econ. Specialist.*
*M. Agnes Nelson, Ph. B., *Instr. Home Econ.*
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[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc

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**Animal and Dairy Industry**—Continued.
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*†H. L. Belton, *Assoc. in Agr. Engin.* (*P. O., Davis*).
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†C. F. Dunshee, B. S., *Assoc. in Irrig.* (*P. O., Davis.*)
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†C. N. Johnston, B. S., *Asst. in Irrig. Invest.*
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†J. D. Long, B. S., *Asst. in Agr. Engin.* (*P. O., Davis*).
†E. G. McKibben, B. S., *Asst. in Agr. Engin.* (*P. O., Davis*).
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*E. J. Stirniman, M. S., *Instr. Agr. Engin.* (*P. O., Davis*).
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†Hugh Knight, *Asst. in Ent.* (*P. O., Riverside*)
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†H. S. Smith, M. A., *Assoc Prof. Ent.* (*P. O., Riverside*).
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**Extension (Admin.):**[1] Director Crocheron *in charge.*
——— ———, *County Agt. Leader.*
‡Harriet G. Eddy, A. B., *State Home Dem. Leader.*
——— ———, *State Club Leader.*
‡Lillian D. Clark, *Asst. State Home Dem. Leader.*
——— ——— ———, *Asst. State Leader, Coast Counties.*
‡W. R. Ralston, B. S., *Asst. State Club Leader.*
‡C. W. Rubel, B. S., *Asst. State Leader Northern Counties.*
‡May Secrest, B. S., *Asst. State Home Dem. Leader.*
‡L. B. Smith, B. S., *Asst. State Leader, Southern Counties.*
‡F. M. Spurrier, B. S., *Asst. State Club Leader, Northern Counties.*
‡J. E. Tippett, B. S., *Asst. County Agt. Leader.*
‡W. G. Waterhouse, B. S., *Asst. State Club Leader, Coast Counties.*
‡V. C. Bryant, M. S., *County Organ. Work.*
‡T. Fr. Hunt, B. S., *Organized Counties Specialist.*
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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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*†J. L. Hoerner, B. S., *Instr. Ent., Zool.; Asst. Ent.*
*†C. R. Jones, M. S., *Assoc. Prof. Ent., Zool.; Asst. Ent.*
*†G. M. List, B. S., *Asst. Prof. Ent., Zool.; Asst. Ent.* (*Chief Deputy State Ent.*).
†J. H. Newton, B. S., *Asst. Ent.* (*Deputy State Ent.*).
*†Miriam A. Palmer, M. A., *Asst. Prof. Ent., Zool.; Asst. Ent. and Insect Delineator.*

**Extension (Admin.):**[1] Director McCann *in charge*
‡Maude E. Sheridan, M. Pd., *State Club Leader, Organ. Specialist in Women's Work.*
‡R. H. Felts, B. S., *Asst. County Agt. Leader.*
‡W. R. Freeman, B. S., *Asst. State Club Leader.*
‡R. W. Schafer, B. S., *Asst. County Agt. Leader.*
‡E. D. Smith, *Asst. County Agt. Leader.*

**Forestry:** *W. J. Morrill, M. F., *Prof. For.* (*State For.*).
*†B. O. Longyear, B. S., *Assoc. Prof. For.; For. Invest.*

**Home Economics:** *Inga M. K. Allison, E. B., *Head of Dept.*
*Mary C. Blodgett, B. S., *Asst. Prof. Home Econ.*
*Charlotte E. Carpenter, Ph. B., *Assoc. Prof. Home Econ.*
*Beryl Dixon, B. S., *Asst. Prof. Dom. Art.*
*†Nellie E. Goldthwaite, Ph. D., *Assoc. Prof. Home Econ.; Home Econ. Invest.*
‡Mrs. Blanche E. Hyde, *Clothing Specialist.*
*Juliet L. Jewett, B. S., *Instr. Home Econ.*
*Grace Linder, A. M., *Assoc. Prof. Home Econ.*
*Bertha R. Most, *Assoc. Prof. Home Econ.*
‡Eva F. Smith, B. S., *Asst. Home Econ. Specialist.*
‡Kittie D. Washington, *Nutr. Specialist.*

**Horticulture:** *†E. P. Sandsten, Ph. D., *Prof. Hort.; Hort.* (*State Hort.*).
*†F. M. Green, B. S., *Asst. Hort.* (*Chief Deputy State Hort.: P. O., Delta*).
*E. M. Lowry, M. S. *Assoc. Prof. Hort.*
†R. A. McGinty, A. M., *Assoc. Prof. and Assoc. Hort.*
†R. C. Thompson, B. S., *Asst. Hort.*
†C. M. Tompkins, B. S., *Asst. Hort.*
*Edgar Tubby, *Florist.*

**Physics:** *F. G. Person, A. M., *Head of Dept.*
*F. P. Goeder, M. S., *Assoc. Prof. Phys.*
*D. W. Richardson, B. S., *Asst. Prof. Phys.*

**Veterinary Science:** *†G. H. Glover, M. S., D. V. M., *Head Div. of Vet. Med.*
*R. F. Bourne, B. S., D. V. S., *Prof. Vet. Physiol.*
†Floyd Cross, D. V. M., *Asst. Vet. Path.*
*James Farquharson, D. V. M., *Asst. Prof. Vet. Anat.*
*†W. H. Feldman, D. V. M., *Asst. Prof. and Asst. in Vet. Path.*
*H. E. Kingman. B. S., D. V. S., *Prof. Vet. Surg.*
*†I. E. Newsom, B. S., D. V. S., *Prof. Vet. Path.; Vet. Path.*

**Miscellaneous:**
*Charlotte A. Baker, *Libr.*
*††G. C. Eddy, *Photog.*
*††I. G. Kinghorn, *Pub. Editor.*

**Substations:**
Ark. Valley Substa., *P. O., Rocky Ford*—P. K. Blinn, B. S., *Alfalfa Invest.*
Cheyenne Wells Substa., *P. O., Cheyenne Wells*—J. W. Adams, B. S., *Asst. in Agron. and Dry Farming.*
Fort Lewis Substa., *P. O., Hesperus*—
J. W. Curtiss, B. S., *Asst. in High Altitude Hort.*
H. D. Horton, B. S., *Asst. in High Altitude Agron.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

## CONNECTICUT.

**Connecticut Agricultural College and the Storrs Agricultural Experiment Station,** *Storrs* (telegraph address, *Storrs* via *Willimantic;* railroad station and express address, *Willimantic*).

*College faculty. †Station staff. ‡Extension staff.

*C. L. Beach, B. Agr., B. S., *President.*
†W. L. Slate, jr., B. S., *Dir. of Sta.*
‡B. W. Ellis, B. S., *Dir. Ext. Service.*

**Agronomy:** Director Slate, *Sta. Agron.*
*†Henry Dorsey, M. S., *Asst. Prof. and Asst. Agron.*
†B. A. Brown, *Asst. Agron.*
‡J. S. Owens, M. S., *Soil and Crop Specialist.*

**Animal Industry:** *H. L. Garrigus, B. Agr., *Prof. An. Husb.*
*†W. F. Kirkpatrick, B. E., B. Agr., *Prof. Poultry Husb.; Poultry Husb.*
†L. F. Rettger, Ph. D., *Bact. in An. Diseases (P. O., Yale Sta.).*
*†G. C. White, M. A., *Prof. Dairy Husb.; Dairy Husb.*
†R. E. Begg, B. S., *Sheep Specialist.*
†L. C. Dunn, Sc. D., *Geneticist (Poultry Work).*
*†R. C. Fisher, B. S., *Asst. Prof. and Asst. in Dairy Mfg.*
‡R. E. Jones, *Poultry Specialist.*
†J. G. McAlpine, M. A., *Asst. Bact. in An. Diseases.*
‡A. R. Merrill, B. S., *Dairy Specialist.*
‡J. A. Simms, B. S., *An. Husb. Specialist.*
*A. G. Skinner, B. S., *Asst. Prof. An. Husb.*
‡J. C. Taylor, B. S., *Poultry Specialist.*
*D. E. Warner, jr., B. S., *Asst. Prof Poultry Husb.*

**Bacteriology:** *W. M. Esten, M. S., *Prof. Bact.*
*Miss C. J. Mason, B. Agr., *Instr. Bact.*

**Botany:** *E. W. Sinnott, Ph. D., *Prof. Bot. and Genetics, Dean Div. of Agr. Sci.*
*G. S. Torrey, A. M., *Asst. Prof. Plant Path.*

**Chemistry:** *H. D. Newton, Ph. D., *Prof. Chem.*
†H. J. Fisher, B. A., *Chem. (P. O., New Haven).*
*J. L. Hughes, A. M., *Asst. Prof. Chem.*

**Economics (Agr.):** *‡I. G. Davis, B. A., *Prof. Agr. Econ., Economist.*
*‡A. W. Manchester, B. Agr., *Prof. Farm Mgt., Farm Mgt. Dem.*
*E. H. Gumbart, Ph. D., *Asst. Prof. Econ.*
*†C. I. Hendrickson, M. S., *Asst. Prof. and Asst. in Agr. Econ.*
‡Paul Mehl, M. A., *Marketing Specialist.*
‡P. L. Putnam, B. S., *Asst. Farm Mgt. Dem.*

**Education (Agr.):** *C. B. Gentry, B. S., *Prof Agr. Ed. and Dean of Teacher Training.*
*J. L. Hypes, A. M., *Assoc. Prof. Ed.*

**Engineering (Agr.):** *‡F. W. Knipe, B. S., *Instr Agr. Engin., Specialist in Farm and Home Engin.*

**Extension (Admin.):**[1] Director Ellis *in charge.*
‡M. Estella Sprague, *State Home Dem. Leader.*
‡A. J. Brundage, *State Club Leader.*
‡Mary V. Hall, *Asst. State Club Leader.*
‡Elsie Trabue, *Asst. State Club Leader.*

**Forestry:** *A. E. Moss, M. F., *Instr. For.*

**Home Economics:** *M. Estella Sprague, *Dean of Div.*
‡Mildred C. Annan, *Millinery Specialist.*
‡Dorothy S. Buckley, Ph. B., *Nutr. Specialist.*
‡Marion E. Dakin, *Nutr. Specialist.*
*Ellen Edmonson, B. A., *Instr. Home Econ.*
*Marie G. Lundberg, B. S., *Instr. Home Econ.*
‡Lizbeth MacDonald, R. N., *Home Nursing Specialist.*
‡Edith L. Mason, B. S., *Clothing Specialist.*
*Ella J. Rose, B. S., *Instr. Home Econ.*
*Gladys I. Sharfenstein, B. S., *Instr. Home Econ.*

**Horticulture:** *S. P. Hollister, B. S., *Prof. Hort.*
‡W. H. Darrow, M. S., *Fruit Specialist.*
*R. H. Patch, M. S., *Asst. Prof. Flor.*
*A. T. Stevens, M. S., *Asst. Prof. Veg. Gard.*
‡A. E. Wilkinson, M. S., *Veg. Gard. Specialist.*

**Veterinary Science:** *B. K. Dow, V. S., *Lect. in Vet. Sci.*

**Zoology:** *†G. H. Lamson, jr., M. S., *Prof. Zool.; Zool.*
*J. A. Manter, B. S., *Instr. Ent.*
*‡L. B. Crandall, B. S., *Prof. Apiculture, Bee Specialist.*

**Miscellaneous:**
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‡R. H. Mathewson, B. S., *Asst. to Editor.*
‡Walter Stemmons, B. S., *Pub. Editor.*
*Edwina M. Whitney, Ph. B., *Libr.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

**Connecticut State Agricultural Experiment Station,** *New Haven.*

†Station staff.

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†W. L. Slate, jr., B. S., *Director.*

**Analytical Chemistry:** †E. M. Bailey, Ph. D., *Chem. in charge.*
†R. E. Andrew, M. A., *Asst. Chem.*
†H. J. Fisher, B. A., *Asst. Chem.*
†O. L. Nolan, *Asst. Chem.*
†C. E. Shepard, *Asst. Chem.*

**Biochemistry:** †T. B. Osborne, Ph. D., D. Sc., *Chief Research Chem. in charge.*
†C. S. Leavenworth, Ph. B., *Asst. Chem.*
†H. B. Vickery, Ph. D., *Asst. Chem.*
†A. J. Wakeman, Ph. D., *Asst. Chem.*

**Botany:** †G. P. Clinton, Sc. D., *Bot. in charge.*
†Florence A. McCormick, Ph. D., *Path.*
†E. M. Stoddard, B. S., *Pomol.*

**Entomology:** †W. E. Britton, Ph. D., *Ent. in charge (State Ent.).*
†J. T. Ashworth, *Deputy in charge Gipsy Moth Work.*

**Entomology**—Continued.
†R. C. Botsford, *Deputy in charge Mosquito Elimination.*
†R. B. Friend, B. S., *Asst. Ent.*
†Philip Garman, Ph. D., *Asst. Ent.*
†B. H. Walden, B. Agr., *Asst. Ent.*
†M. P. Zappe, B. S., *Asst. Ent.*

**Forestry:** †W. O. Filley, *Forester in charge.*
†H. W. Hicock, M. F., *Asst. For.*
†A. E. Moss, M. F., *Asst. For. (P. O., Storrs).*

**Genetics:** †D. F. Jones, S. D., *Plant Breeder in charge.*
†P. C. Mangelsdorf, M. S., *Asst. in Plant Brdg.*

**Soils:** †M. F. Morgan, M. S., *Invest. in Soils.*

**Miscellaneous:**
Miss L. M. Brautlecht, *Libr.*

**Substations:**
Tobacco Substa., *P. O., Windsor*—C. M. Slagg, M. S., *in charge.*

## DELAWARE.

**School of Agriculture and the Agricultural Experiment Station of the University of Delaware,** *Newark.*

*College faculty. †Station staff. ‡Extension staff.

*Walter Hullihen, Ph. D., *President of University.*
*‡‡C. A. McCue, B. S., *Dean School of Agr., Dir. of Sta., Dir. of Ext. Service.*
M. Van G. Smith, M. E., *Actg. Dean School of Engin.*

**Agronomy:** *†G. L. Schuster, M. S., *Prof. Agron.; Agron.*
*†C. R. Runk, M. S., *Asst. Prof. and Assoc. Agron.*
†M. A. Willis, B. S., *Asst. Agron.*

**Animal Industry:** *†C. C. Palmer, D. V. M., M. S., *Prof. An. Indus., Bact.; Consult. Vet.*
*†T. A. Baker, B. S., *Prof. An. Husb.; An. Husb.*
*†H. R. Baker, B. S., *Instr. An. Indus.; Research Asst. in Poultry Diseases.*
*†A. E. Tomhave, M. S., *Instr. An. Husb.; Asst. in Swine Invest.*

**Chemistry:** †L. W. Tarr, B. S., *Chem.*
†G. L. Baker, B. S., *Asst. Chem.*

**Education (Agr.):** *R. W. Heim, M. S., *Prof. Voc. Agr. Ed.*

**Extension (Admin.):**[1] Director McCue *in charge.*
‡M. O. Pence, B. S., *County Agt. Leader and Farm Mgt. Dem.*
‡Kathryn E. Woods, *State Home Dem. Leader.*
‡A. D. Cobb, B. S., *State Club Leader.*

**Home Economics:**[2] *Laura V. Clark, A. B., *Prof. Home Econ.*
*Katherine Gumble, B. S., *Instr. Home Econ.*
*Elizabeth Kelly, A. M., *Instr. Home Econ.*

**Horticulture:** Dean and Dir. McCue, *Head of Dept.*
*†L. R. Detjen, M. S., *Assoc. Prof. and Assoc. Hort.*
*†G. F. Gray, M. S., *Instr. and Asst. Hort.*

**Plant Pathology:** *†‡T. F. Manns, Ph. D., *Prof. Plant Path. and Soil Bact.; Plant Path. and Soil Bact.*
‡‡J. F. Adams, Ph. D., *Assoc. Plant Path. and Specialist in Plant Path.*

**Plant Physiology:** †E. M. R. Lamkey, Ph. D., *Plant Physiol. and Soil Bact.*

**Miscellaneous:**
*‡‡Florence Colbert, *Secy.*
†Freda Ritz, *Libr.*

**State College for Colored Students,** *Dover.*

*Agricultural faculty.

*R. S. Grossley, B. S., *President.*

*J. B. Aiken, *Instr. Practical Agr.*
*Florence G. Brooks, *Instr. Home Econ.*
*Helen B. Grossley, *Dir. Home Econ.*
*W. W. Lawson, *Instr. Voc. Agr.*
*Helen L. Yancey, *Libr.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.
[2] Given in the Women's College.

## FLORIDA.

### College of Agriculture and the Agricultural Experiment Station of the University of Florida, *Gainesville.*

*College faculty. †Station staff. ‡Extension staff.

*A. A. Murphree, A. M., LL. D., *President of University.*
*†‡Wilmon Newell, M. S., D. Sc., *Dean Coll. of Agr., Dir. of Sta., Dir. of Ext. Div.*
J. R. Benton, Ph. D., *Dean Coll. of Engin.*

**Agriculture:** †E. L. Ayers, B. S., *Agr.*

**Agronomy:** *J. E. Turlington, Ph. D., *Prof. Agron.*
*O. C. Bryan, Ph. D., *Asst. Prof. Agron.*
*H. G. Hamilton, M. S., *Farm Mgt. Field Work.*
†W. E. Stokes, M. S., *Asst. Grass and Forage Crop Investigator.*

**Animal Industry:** ††J. M. Scott, B. S., *An. Indus. and Vice Dir. of Sta.*
*C. H. Willoughby, B. Agr., *Prof. An. Husb. and Dairying.*
*N. W. Sanborn, M. D., *Prof. Poultry Husb.*
‡H. L. Brown, M. S., *Ext. Dairyman.*
‡H. B. Lansden, *Poultry Specialist.*

**Chemistry:** †R. W. Rupreeht, Ph. D., *Chem.*
†C. E. Bell, B. S., *Asst. Chem.*
*A. P. Black, A. B., *Assoc. Prof. Agr. Chem.*
†J. M. Coleman, B. S., *Asst. Chem.*

**Education (Agr.):** *J. W. Day, A. M., *Prof. Agr. Ed.*

**Engineering (Agr.):** *Frazier Rogers, B. S., *Prof. Agr. Engin.*
*A. J. Strong, *Asst. Prof. Agr. Engin.*

**Entomology:** †J. R. Watson, M. A., *Ent.*
†A. H. Beyer, M. S., *Asst. Ent.*

**Extension (Admin.):**[1] Director Newell *in charge.*
‡A. P. Spencer, M. S., *Vice Dir.*
‡Flavia Gleason, *State Home Dem. Agt.* (*P. O., Tallahassee*).
‡R. W. Blacklock, A. B., *State Club Leader.*
‡Virginia P. Moore, *Asst. State Home Dem. Agt.* (*P. O., Tallahassee*).

**Horticulture and Botany:** *W. L. Floyd, M. S., *Prof. Hort., Bot., Asst. Dean Coll. of Agr.*
*C. E. Abbott, B. S., *Instr. Hort.*
†G. H. Blackmon, B. S., *Pecan Culturist.*
*E. L. Lord, B. S., *Asst. Prof. Hort. and Bot.*
†Harold Mowry, *Asst. Hort.*
*J. S. Rogers, A. M., *Prof. Biol.* (*Agr.*).
*Frank Thone, Ph. D., *Asst. Prof. Bot. and Bact.* (*Agr.*).

**Journalism:** *††Ralph Stoutamire, B. S., *Prof. Agr. Journalism. Editor.*

**Plant Pathology:** †O. F. Burger, Sc. D., *Plant Path.*
‡E. F. DeBusk, B. S., *Ext. Citrus Path.*
†L. O. Gratz, Ph. D., *Asst. Plant Path.* (*P. O., Hastings*).
*John Gray, M. S., *Asst. Prof. Plant Path. and Econ. Ent.*
†A. S. Rhoads, Ph. D., *Asst. Plant Path.* (*P. O., Cocoa*).
‡J. R. Springer, B. S., *Ext. Plant Path. and Ent.*
†G. F. Weber, Ph. D., *Assoc. Plant Path.*

**Veterinary Science:** *A. L. Shealy, B. S., D. V. M., *Prof. Vet. Sci.*

**Miscellaneous:**
†Mrs. Ida K. Cresap, *Libr.*
*††K. H. Graham, *Auditor.*
*Cora Miltimore, B. S., *Libr.*

**Substations:**
Citrus Expt. Sta., *P. O. Lake Alfred*—J. H. Jefferies., *Supt.*
Tobacco Expt. Sta., *P. O., Quincy*—
W. B. Tisdale, Ph. D., *Assoc. Plant. Path.*
J. G. Kelly, B. S., *Lab. Asst.*

### Florida Agricultural and Mechanical College for Negroes, *Tallahassee.*

*Agricultural faculty. ‡Extension staff.

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*A. L. Mebane, M. S. A., *Dean Dept. of Agr.*

*J. D. Bryan, *An. Husb.*
*Irma Coleman, *Instr. Dom. Sci.*
*B. H. Crutcher, B. S. A., *Dairying, Agr.*
*R. A. Edmondson, A. B., *Prof. Phys.*
*H. M. Efferson, A. B., *Asst. Prof. Sci.*
*Richard Frazier, *Hort.*
*Gertrude Hayes, *Instr. Nurse Training.*
*Virginia Hilyer, R. N., *Supt. Nurse Training School.*
*E. B. Jones, B. S., *Prof. Biol., Chem.*
*Lillian Latimer, *Dom. Sci.*
*Clara B. Moon, *Instr. Dom. Art.*
*Clementina Nelson, B. S., *Prof. Dom. Sci., Dean Dept. of Home Econ.*
*Ellen O. Paige, *Instr. Dom. Art.*
*Alma H. Rivers, *Libr.*
‡A. A. Turner, *Farmers' Club Organizer.*

[1] For subject-matter workers see the respective division, i. e., agriculture, agronomy, etc.

## GEORGIA.

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*College faculty. ‡Extension staff.

*A. M. Soule, Sc. D., F. R. S. A., LL. D., *President.*
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C. M. Strahan, C. and M. E., Sc. D., *Engineering (Univ. of Ga.).*

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*G. A. Crabb, B. S., *Prof. Agron. in charge Soil Work.*
*R. R. Childs, M. S., *Prof. Agron. in charge Cotton Indus. (Coop. U. S. D. A.).*
*E. D. Alexander, B. S., *Assoc. Prof. Agron.*
‡H. C. Appleton, B. S., *Field Crop Specialist.*
*D. W. Brooks, B. S., *Adjunct Prof. Agron.*
‡L. V. Davis, B. S., *Super. Fert. Invest.*
*J. M. Elrod, B. S., *Assoc. Prof. Agron.*
‡Paul Tabor, M. S., *Field Crop Specialist.*
*P. O. Vanatter, *Supt. Field Expts.*
‡F. C. Ward, B. S., *Cotton Specialist.*

**Animal Industry:** *‡M. P. Jarnagin, D. Sc., *Prof. An. Husb.*
*‡J. H. Wood, B. S., *Prof. Poultry Husb.*
*F. W. Bennett, B. S., *Assoc. Prof. Dairy Husb.*
‡F. W. Fitch, B. S., *Field Agt. in Dairy Husb.*
*A. F. Gannon, B. S., *Instr. Poultry Husb.*
*C. E. Kellogg, M. S., *Assoc. Prof. An. Husb.*
‡J. G. Liddell, B. S., *Swine Specialist.*
‡W. C. McCoy, B. S., *Field Agt. in Poultry Husb.*
‡L. H. Marlatt, *Field Agt. in Cheese Prod. (Coop. U. S. D. A.).*
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*G. P. Saye, B. S., *Assoc. Prof. An. Husb.*
*R. S. Wooster, B. S., *Assoc. Prof. Poultry Husb.*

**Botany:** *J. M. Reade, Ph. D., *Prof. Bot.*

**Chemistry:** *L. M. Carter, B. S., *Prof. Soil Chem.*
‡W. O. Collins, B. S., *Assoc. Prof. Soil Chem.*
‡M. W. Lowry, M. A., *Assoc. Prof. Soil Chem.*
‡S. W. Phillips, M. S., *Soil Survey Expert.*
*R. M. Soule, B. S., *Assoc. Prof. Agr. Chem.*
*H. C. White, Ph. D., Sc. D., *Prof. Chem.*
*C. N. Wilder, M. S., *Assoc. Prof. Agr. Chem.*
*R. C. Wilson, Ph. G., *Prof. Pharm. and Materia Medica.*

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‡DeForest Hungerford, M. A., *Sci. Asst. in Farm Mgt. (Coop. U. S. D. A.).*
‡E. C. Westbrook, B. S., *Farm Mgt. Specialist.*

**Education (Agr.):** *J. T. Wheeler, B. S., *Prof. Agr. Ed.*
*W. W. Reitz, M. S., *Prof. Agr. Ed.*
*Epsie Campbell, B. S., *Supvr. Voc. Ed.*
*F. C. Chandler, B. S., *in charge Practice School.*
*P. W. Chapman, B. S., *State Supvr. Voc. Agr. Ed.*
*L. M. Sheffer, B. S., *Assoc. Prof. Agr. Ed.*

**Engineering (Agr.):** *W. A. Foster, Arch. E., *Prof. Agr. Engin.*
‡W. E. Broach, B. S., *Field Agt. in Agr. Engin.*
*W. A. Clegg, B. S., *Assoc. Prof. Agr. Engin.*
*L. E. Fitch, B. S., *Adjunct Prof. Agr. Engin.*
*W. G. Wingate, B. S., *Instr. Agr. Engin.*

**Extension (Admin.):**[1] Director Campbell *in charge.*
‡J. K. Giles, B. S., *Asst. Dir.*
‡J. G. Oliver, B. S., *State Agt.*
‡Frances E. Colclough, *State Home Dem. Agt.*
‡G. V. Cunningham, B. S., *State Club Agt.*
‡Lois P. Dowdle, B. S., *State Club Agt.*
‡William Bradford, A. B., M. D., *Asst. State Club Agt.*

**Forestry:** *T. D. Burleigh, M. S., *Assoc. Prof. For.*
*DuPre Barrett, B. S., *Adjunct Prof. For.*
*L. R. Smith, B. S., *Adjunct Prof. For.*

**Home Economics:** *‡Mary E. Creswell, B. S., *Dir. of Home Econ.*
*Susie Burson, B. S., *Instr. Home Econ.*
*Edith V. Creswell, B. S., *Instr. Home Econ.*
‡Susan Mathews, *Nutr. Specialist.*
*Erna E. Proctor, B. S., *Assoc. Prof. Foods and Cookery.*
*Rosalie V. Rathbone, B. S., *Assoc. Prof. Textiles and Clothing.*
*Rhea C. Scott, B. S., *Assoc. Prof. Institutional Econ.*
‡Frances Simpson, B. S., *Nutr. Specialist.*

**Horticulture:** *‡T. H. McHatton, D. Sc., M. H., *Prof. Hort.*
‡G. H. Firor, B. S., *Field Agt. in Hort.*
*H. L. Harrington, B. S., *Adjunct Prof. Hort.*
‡H. W. Harvey, B. S., *Landsc. Gard. Specialist.*
*J. W. Howard, B. S., *Instr. Hort.*
*R. L. Keener, B. S., *Adjunct Prof. Hort.*
‡H. M. McKay, B. S., *Field Agt. in Hort.*

**Veterinary Medicine:** *A. G. G. Richardson, V. M. D., *Prof. Vet. Med.*
*W. C. Burkhart, D. V. M., *Assoc. Prof. Vet. Med.*
*I. P. Coulter, D. V. M., *Instr. Vet. Med.*
*R. W. Jones, D. V. M., *Assoc. Prof. Vet. Med*
*Thurston Levie, D. V. M., *Instr. Vet. Med.*
*H. V. Persells, D. V. M., *Assoc. Prof. Vet. Med.*
*J. E. Severin, D. V. M., *Assoc. Prof. Vet. Med.*

**Miscellaneous:**
‡Laura E. Blackshear, *Illustrator.*
*Nelle M. Reese, *Libr.*
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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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‡Z. M. Smith, A. M., *State Club Leader.*
‡E. L. Austin, B. S., *Asst. State Club Leader.*
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†C. E. Baker, B. S., *Asst. in Pomol.*
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‡L. C. Funk, M. S., *Ext. Asst. Prof. Dairy Prod.*
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*J. G. Hammer, *Farm Supt.*
‡L. E. Heifner, *Poultry Club Work.*
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*H. F. Hertz, *Instr. Agr. Engin.*
*E. M. Mervine, M. E., *Assoc. Prof. Agr. Engin.*
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**Extension (Admin.):**[2] Director Bliss *in charge.*
‡Murl McDonald, B. S., *Asst. Dir.*
‡P. C. Taff, B. S., *Asst. Dir. and State Club Leader.*
‡Neale S. Knowles, *State Home Dem. Leader.*
‡Ida V. Ahrens, B. S., *Asst. State Club Leader.*
‡Josephine A. Arnquist, B. S., *Asst. State Club Leader.*
‡Mrs. Edith Barker, *Asst. State Club Leader.*
‡Grant Chapman, *Asst. County Agt. Leader.*
‡W. L. Harper, *Secy.*
‡H. J. Metcalf, *in charge Information Service.*
‡J. S. Quist, B. S., *Asst. State Club Leader.*

**Extension (Admin.)**—Continued.
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‡Avis Talcott, B. S., *Asst. State Home Dem. Leader.*

**Farm Crops and Soils:** *†W. H. Stevenson, D. Sc., *Head of Dept.; Vice Dir. of Sta. and Chief Agron. Dir. of Soil Survey.*
*†P. E. Brown, Ph.D., *Prof. Soils; Chief Soil Chem. and Bact. Assoc. Dir. of Soil Survey.*
†L. C. Burnett, M. S., *Chief in Cereal Brdg. (Coop. U. S. D. A.).*
†L. W. Forman, M. S., *Chief in Field Exp's.*
*†H. D. Hughes, M. S., *Prof. Farm Crops; Chief in Farm Crops.*
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†T. H. Benton, M. S., *Soil Surveyor.*
†Bryan Boatman, B. S., *Soil Asst. in Field Expts.*
†J. L. Boatman, B. S., *Asst. in Field Expts.*
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*C. S. Dorchester, M. S., *Asst. Prof. Farm Crops*
*F. K. Dubbert, B. S., *Instr. Farm Crops and Soils.*[1]
*J. C. Eldredge, B. S., *Asst. Prof. Farm Crop*
*Paul Emerson, Ph. D., *Assoc. Prof. Soils.*
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*B. J. Firkins, M. S., *Asst. Prof. Soils.*
†D. S. Gray, B. S., *Soil Surveyor.*
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‡M. A. Hauser, B. S., *Ext. Prof. Farm Crops and Soils (P. O., Marshalltown).*
*E. R. Henson, M. S., *Asst. Prof. Farm Crops.*
*D. R. Johnson, M. S., *Assoc. Prof. Soils.*
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*O. E. Overseth, M. S., *Instr. Soils.*
†J. L. Robinson, M. S., *Supt. Coop. Expts.*
*D. C. Thayer, M. S., *Instr. Soils.*
*R. M. Vifquain, M. A., *Assoc. Prof. Farm Crops and Soils.*[1]
‡H. W. Warner, M. S., *Ext. Assoc. Prof. Soils.*
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*Edna E. Walls, Ph. B., B. S., *Vice Dean.*
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*Florence E. Busse, M. A., *Head Household Sci. Dept.*
*Joanna M. Hansen, B. A., *Head Applied Art Dept.*
*Cora B. Miller, B. S., *Head Teacher Training Dept.*
*Ida A. Anders, B. S., *Asst. Prof. Teacher Training.*

[1] Noncollegiate course.
[2] For subject-matter workers see the respective division, i. e., animal husbandry, bacteriology, etc.

**Home Economics**—Continued.

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*Susan L. Bates, B. S., *Assoc. Prof. Household Art.*
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*Dorothy H. Chadwick, Ph. B., *Instr. Teacher Training.*
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*Eloise Davison, B. S., *Asst. Prof. Household Sci.*
*Ruetta T. Day, M. A., *Asst. Prof. Household Sci.*
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*Mabel C. Fisher, *Instr. Applied Art.*
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*Mary L. Gabrielson, M. A., *Instr. Household Art.*
*Marion B. Gardner, *Instr. Applied Art.*
*Electa Gibson, B. S., *Instr. Home Econ.*[1]
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‡Alma Heiner, B. S., *Clothing Specialist.*
*Anna M. Henderson, *Asst. Prof. Applied Art.*
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*Elizabeth Johnson, B. S., *Instr. Applied Art.*
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*Mrs. Daisy H. Kilgore, Ph. B., *Instr. Teacher Training.*
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*Ruth M. Lindquist, M. A., *Asst. Prof. Household Mgt.*
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*Willetta Moore, B. S., *Instr. Household Sci.*
*P. Mabel Nelson, Ph. D., *Assoc. Prof. Nutr.*
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*Mabel B. Richardson, *Instr. Applied Art.*
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**Home Economics**—Continued.

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*Marie Stephens, B. S., *Asst. Prof. Household Art.*
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‡C. L. Fitch, M. A., *Ext. Prof. Veg. Gard.*
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†H. L. Lantz, M. S., *Asst. Chief in Pomol.*
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*H. W. Richey, B. S., *Prof. Pomol.*
*R. R. Rothacker, B. S., *Instr. Hort.*[1]
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**Physics:** *L. B. Spinney, B. M. E., B. S. E. E., *Head of Dept.*
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*L. W. Butler, A. B., *Asst. Prof. Phys.*
*L. V. Crum, M. S., *Instr. Phys.*
*G. E. Davis, M. S., *Instr. Phys.*
*V. E. Heaton, A. M., *Instr. Phys.*
*William Kunerth, Ph. D., *Assoc. Prof. Phys.*
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[1] Noncollegiate course.

**Physics**—Continued.
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*Harold Stiles, Ph. D., *Assoc. Prof. Phys.*
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*L. H. Willson, B. S., *Asst. Prof. Phys.*
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*S. H. McNutt, D. V. M., *Asst. Prof. Vet. Invest.*
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**Zoology and Entomology:** *†C. J. Drake, Ph.D., *Head of Dept.; Chief Ent. (State Ent.).*
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‡L. E. Dills, *Ext. Asst. in Apiary Work.*
*†F. A. Fenton, Ph. D., *Assoc. Prof. and Assoc Chief Ent.*
*J. E. Guthrie, M. S., *Prof. Zool.*
*††B. M. Harrison, M. S., *Instr. and Asst. in Apiculture.*
*Sara Hoke, B. S., *Instr. Zool.*
*H. S. Hopkins, Ph. D., *Asst. Prof. Physiol.*
*J. G. Jessup, B. S., *Instr. Apiculture.*[1]
‡Henry Ness, B. S., *Asst. State Ent.*
*††F. B. Paddock, M. S., *Assoc. Prof. Apiculture; Apiculturist (State Apiarist).*
†R. L. Parker, M. S., *Asst. Chief in Apiculture.*
*I. L. Ressler, M. S., *Instr. Zool.*
*W. H. Wellhouse, Ph. D., *Assoc. Prof. Ent.*
‡A. D. Worthington, *Ext. Asst. in Apiculture.*

## KANSAS.

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‡H. J. C. Umberger, B. S., *Dean and Dir. Div. of Ext.*
R. A. Seaton, M. S., *Dean Div. of Engin., Dir. Engin. Expt. Sta.*

**Agronomy:** *†L. E. Call, M. S., *Head Dept. of Agron.*
*†C. O. Swanson, Ph. D., *Head Dept. of Milling Indus.*
*C. D. Davis, B. S., *Asst. Prof. Farm Crops.*
*H. R. Guilbert, B. S., *Instr. Agr.*
†Mrs. Elizabeth P. Harling, *Seed Analyst.*
*†I. K. Landon, B. S., *Asst. Prof. Agron.; in charge SE. Field Stas.*
*†H. H. Laude, M. S., *Assoc. Prof. Agron.; in charge Coop. Expts.*
*†E. S. Lyons, B. S., *Asst. Prof. and Asst. in Soils.*
†C. W. Oakes, *Miller.*
*†J. H. Parker, M. S., *Prof. Farm Crops; Plant Brdg. (Coop. U. S. D. A.).*
†G. H. Phinney, *Foreman of Agron. Farm.*
*†S. C. Salmon, M. S., *Prof. and Asst. in Farm Crops.*
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[1] Noncollegiate course.

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*†H. W. Marston, M. S., *Instr. and Asst. An. Husb.*
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‡Charles Nitcher, B. S., *Instr. An. Husb. Ext.*
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‡D. J. Taylor, B. S., *Poultry Husb. Specialist.*
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**Bacteriology:** *†L. D. Bushnell, Ph. D., *Head of Dept.*
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*C. W. Colver, Ph. D., *Assoc. Prof. Chem.*
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**Chemistry**—Continued.
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‡I. N. Chapman, B. S., *Farm Mgt. Dem.*
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‡R. W. Morrish, B. S., *State Club Leader.*
‡Ellen M. Batchelor, B. S., *Asst. State Home Dem. Leader.*
‡Delpha M. Hazeltine, *Asst. to the Dean and Dir*
‡Eleanor Howe, B. S., *Asst. State Club Leader*
‡Samuel Pickard, B. S., *in charge Information.*

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[1] On leave.
[2] For subject-matter workers see the respective **division**, i. e., agronomy, animal industry, etc.

**Home Economics**—Continued.

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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**Animal Industry:** *††DeVoe Meade, Ph. D., *Prof. An. Husb.; An. Husb.*
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*†R. H. Waite, M. S., *Prof. Poultry Husb.; Poultry Husb.*
†Harlow Bierman, M. S., *Asst. Dairy Husb.*
‡B. E. Carmichael, M. S., *An. Husb. Specialist.*
*K. A. Clark, M. S., *Asst. Prof. An. Husb.*
‡J. A. Conover, B. S., *Dairy Specialist.*
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‡W. H. Rice, B. S., *Poultry Specialist.*
*G. O. Smith, M. S., *Asst. Prof. An. Husb.*
**Bacteriology:** *†E. M. Pickens, D. V. M., A. M., *Prof. Bact.; An. Path.*
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*R. C. Reed, Ph. B., D. V. M., *Prof. An. Path.*
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**Botany**—Continued.
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*F. D. Day, B. S., *Instr. Agr. Ed.*
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‡Dorothy Emerson, *State Girls' Club Agt.*
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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.
[2] Courses given in College of Education.

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‡Mrs. Marion C. Bell, *Household Mgt. Specialist.*
‡Bertha Knight, B. S., *Clothing Specialist.*
*Mrs. Frieda M. McFarland, A. B., *Prof. Textiles and Clothing.*
*Edna B. McNaughton, B. S., *Prof. Home Econ. Ed.*
*Mrs. Claribel P. Welsh, B. A., *Instr. Textiles, Clothing, Foods and Cookery.*

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†V. R. Boswell, M. S., *Asst. in Veg. Gard.*
*†F. W. Geise, M. S., *Prof. Veg. Gard.; Veg. Brdg.*
†A. L. Schrader, M. S., *Asst. Pomol.*
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†T. H. White, M. S., *Veg. and Flor. Work.*
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**Miscellaneous:**
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*Laura E. Mullins, *Dom. Sci.*
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*Luther Banta, B. S *Asst. Prof. Poultry Husb.*

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‡W. C. Monahan, B. S., *Ext. Prof. Poultry Husb.*
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‡S. R. Parker, B. S., *County Agt. Leader.*
‡Lucile W. Reynolds, B. S., *State Home Dem. Leader.*
‡G. L. Farley, M. S., *Supvr. Junior Ext. Work.*
‡R. D. Hawley, B. S., *Supvr. Ext. Schools and Exhibits.*
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‡Dorothy W. Murdock, *Asst. State Club Leader.*

**Farm Management:** *†J. A. Foord, M. S., *Head of Dept.*
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*Margaret Hamlin, A. B., *Agr. Counsellor for Women.*
‡Marion L. Tucker, B. S., *Asst. Ext. Prof. Home Econ.*

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*†W. W. Chenoweth, M. S., *Head Dept. of Hort. Mfrs.*
*†F. C. Sears, M. S., *Head Dept. of Pomol.*
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†J. S. Bailey, M. S., *Invest. in Pomol.*
‡F. E. Cole, jr., *Ext. Asst. Prof. Pomol.*
‡W. R. Cole, *Ext. Asst. Prof. Hort. Mfrs.*
*B. D. Drain, B. S., *Asst. Prof. Pomol.*
*A. P. French, M. S., *Instr. Pomol.*
*R. D. Harris, B. S., *Asst. Prof. Veg. Gard.*
*A. K. Harrison, *Asst. Prof. Landsc. Gard.*
‡R. M. Koon, M. S., *Ext. Prof. Veg. Gard.*
*R. T. Muller, M. S., *Asst. Prof. Flor.*
*G. J. Raleigh, M. S., *Instr. Pomol.*
*W. F. Robertson, B. S., *Instr. Hort. Mfrs.*
*R. W. Rogers, B. S., *Asst. Prof. Hort.*
*G. B. Snyder, B. S., *Instr. Veg. Gard.*
*C. H. Thompson, M. S., *Asst. Prof. Hort.*
†V. A. Tiedjens, M. S., *Asst. Research Prof. Veg. Gard. (P. O., Lexington).*
*R. A. Van Meter, B. S., *Prof. Pomol.*
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**Microbiology:** *†C. E. Marshall, Ph. D., *Head of Dept. Dir. of Grad. School.*
*R. C. Avery, M. S., *Instr. Microbiol.*
*Mary E. M. Garvey, B. S., *Instr. Microbiol.*
*†Arao Itano, Ph. D., *Asst. Prof. Microbiol.*

**Physics:** *P. B. Hasbrouck, B. S., *Head of Dept.*
*G. W. Alderman, A. B., *Instr. Phys.*
*E. A. Harrington, Ph. D., *Prof. Phys.*

**Veterinary Science:** *†G. E. Gage, Ph. D., *Head of Dept.*
†J. B. Lentz, A. B., V. M. D., *Asst. Research Prof. Vet. Sci.*
†N. J. Pyle, D. V. M., *Asst. Research Prof. Avian Path.*

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**Miscellaneous:**
*†H. S. Green, A. B., LL. D., *Libr.*
*†F. C. Kenney, *Treas.*
†J. E. Ostrander, A. M., C. E., *Met.*
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**Substations:**
Cranberry Substa., *P. O., East Wareham*—H. J. Franklin, Ph. D., *Supt.*
Market Garden Field Sta., *P. O., Lexington* —— —— —— *in charge.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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‡V. A. Freeman, B. S., *An. Husb. Specialist.*
‡J. A. Hannah, B. S., *Poultry Specialist.*
‡J. G. Hays, B. S., *Dairying Specialist.*
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†C. F. Huffman, M. S., *Research Asst. in Dairying.*
*†P. S. Lucas, B. S., *Assoc. Prof. Dairy Mfrs.; Research Assoc. in Dairying.*
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*Richard de Zeeuw, Ph. D., *Assoc. Prof. Bot.*
*†R. P. Hibbard, Ph. D., *Assoc. Prof. Bot.; Research Assoc. in Plant Physiol.*
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†Ray Nelson, B. S., *Asst. in Plant Path.*
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**Chemistry:** *A. J. Clark, A. B., *Prof. and Head of Dept.*
†A. J. Patten, B. S., *Chem.*
*C. D. Ball, B. S., *Asst. Prof. Chem.*
*R. L. Baxter, B. S., *Instr. Chem.*
*D. T. Ewing, Ph. D., *Assoc. Prof. Chem.*
†M. Louise Grettenberger, B. S., *Asst. in Chem.*
*B. E. Hartsuch, A. B., *Assoc. Prof. Chem.*
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†A. W. Lowell, B. S., *Asst. Chem.*
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**Education (Agr.):** ——— ——— ———, *Head of Dept., Dir. Voc. Teacher Training.*
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‡J. H. Harman, B. S., *Specialist in Insect Control.*
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*J. C. Kremer, *Instr. Apiculture.*
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‡Hale Tennant, B. A., *Asst. Dir. in charge County Agt. Work and Markets.*
‡Mrs. Louise H. Campbell, B. S., *State Home Dem. Leader.*
‡R. A. Turner, B. S., *State Club Leader.*
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[1] For subject-matter workers see the respective division, i. e., animal industry, botany, etc.

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North Central Substa., *P. O., Grand Rapids*—
O. I. Bergh, B. S., *Supt.*
NE. Dem. Farm and Substa., *P. O., Duluth*—
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‡T. M. Patterson, M. S., *State Marketing Agt. (Coop. U. S. D. A.).*

**Education (Agr.):** *V. G. Martin, A. B., *Head of Dept.*
*E. E. Deen, B. S., *Instr. Agr. Ed.*
*S. S. Greene, B. S., *Asst. Prof. Agr. Ed.*
*J. P. Wynne, A. M., *Assoc. Prof. Agr. Ed.*

**Engineering (Agr.):** *†W. C. Howell, M. S., *Head of Dept.*
*‡J. W. Carpenter, M. S., *Assoc. Prof. Agr. Engin.*
‡J. T. Copeland, *Agr. Engin. Specialist.*
*R. B. Knight, *Asst. Prof. Agr. Engin.*
*E. T. Taylor, B. S., *Asst. Prof. Agr. Engin.*

**Extension (Admin.):**[1] Director Wilson *in charge.*
‡J. W. Willis, B. S., *Asst. Ext. Dir. and State Agt. in charge Men's Work.*
‡Susie V. Powell, *Asst. Ext. Dir. and State Home Dem. Agt.*
‡J. E. Tanner, *State Club Agt.*

**Extension (Admin.)**—Continued.
‡J. M. Dean, B.S., *Asst. in Boys' Club Work.*
‡Buena W. Freeman, B. S., *Asst. State Home Dem. Agt.*
‡F. J. Hurst, B. S., *Asst. in Boys' Club Work (P. O., Jackson).*
‡Ola Jordon, B. S., *Asst. State Home Dem. Agt. in charge of Household Arts.*
‡I. B. Kerlin, B. S., *Asst. in Boys' Club Work.*
‡Elaine E. Massey, *Asst. State Agt. in charge Foods.*

**Geology:** *†W. C. Morse, M. A., *Prof. Geol.; Geol.*
*F. E. Vestal, M. S., *Assoc. Prof. Geol.*

**Horticulture:** *†‡A. B. McKay, M. S., *Prof. Hort.; Hort.*
*C. S. Adams, B. S., *Assoc. Prof. Hort.*
‡Lyle Brown, B. S., *Fruit Specialist.*
‡H. W. Fristoe, B. S., *Veg. Specialist in charge Food Preservation.*
*P. B. Monosmith, *Instr. Hort.*
*†J. C. C. Price, B. S., *Assoc. Prof. and Research Hort.*

**Physics:** *H. W. Moody, Ph. D., *Prof. Phys.*
*G. F. Barnes, A. M., *Assoc. Prof. Phys.*
*O. P. Hart, A. M., *Asst. Prof. Phys.*
*R. D. E. Matthews, B. S., *Instr. Phys.*

**Veterinary Medicine:** *K. U. Jones, V. M. D., *Prof. Vet. Med. (State Vet.).*

**Zoology and Entomology:** *†‡R. W. Harned, B. S., *Prof. Zool., Ent.; Ent. (State Ent.).*
†H. W. Allen, M. S., *Zool.*
*†R. N. Lobdell, M. S., *Assoc. Prof. Zool.; Zool.*
*Allen McIntosh, B. S., *Instr. Zool., Ent.*
*E. W. Stafford, M. S., *Assoc. Prof. Zool., Ent.*

**Miscellaneous:**
*†‡Hugh Critz, B. S., *Agr. Editor and Publicity Work.*
*Whitman Davis, M. S., *Libr.*
*†‡M. H. Moore, *Secy., Treas.*

**Substations:** J. R. Ricks, M. S., *Director.*
Coastal Plains Sta., *P. O., McNeill*—S. W. Greene, *in charge (Coop. U. S. D. A.).*
Delta Branch Sta., *P. O., Stoneville*—
W. E. Ayres, M. S., *Asst. Dir. and Plant Breeder.*
Holly Springs Branch Sta., *P. O., Holly Springs*—
C. T. Ames, B. S., *Asst. Dir.*
J. C. Ryan, *Farm Foreman.*
H. F. Wallace, B. S., *Asst. Agron.*
Raymond Branch Sta., *P. O., Raymond*—
C. B. Anders, B. S., *Asst. Dir.*
J. C. Peyton, *Farm Foreman.*
South Miss. Branch Sta., *P. O., Poplarville*—
E. B. Ferris, M. S., *Asst. Dir.*
W. C. Anderson, *Hort.*
B. V. Evans, *Farm Foreman.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

**Alcorn Agricultural and Mechanical College,** *Alcorn.*

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*L. J. Rowan, Ph. D., *President.*

*P. S. Bowles, B. S., *Prof. Agr. Ed.*
*A. T. Busby, *Prof. Agr., Supt. of Farm.*
*Sarah P. Holmes, *Prof. Home Econ. Ed.*
*Selina C. Jackson, *Instr. Nurse Training.*
*Mrs. B. M. Johnson, *Instr. Housekeeping.*
*Alice G. Laws, *Instr. Dom. Art.*
*L. J. McKay, B. S., *Asst. Prof. Agr.*
*W. S. Nelson, *Instr. Laundering.*
*C. P. Robinson, B. S., M. D., *Prof. Phys., Chem.*
*O. W. Sanders, B. S., *Asst. Prof. Agr. Voc. Ed.*
*H. T. Tanner, *Prof. Hort. and Dairying.*
*J. B. Wright, B. S., *Asst. Prof. Agr. Voc. Ed.*

## MISSOURI.

**College of Agriculture and the Agricultural Experiment Station of the University of Missouri,**[1] *Columbia.*

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*†F. B. Mumford, M. S., *Dean Coll. of Agr., Dir. of Sta. Prof. An. Husb.*
‡A. J. Meyer, B. S., *Dir. of Agr. Ext. Service.*
E. J. McCaustland, C. E., M. C. E., *Dean School of Engin., Dir. Engin. Expt. Sta.*

**Animal Industry:** *†E. A. Trowbridge, B. S., *Prof. and Chair. Dept. of An. Husb.*
*†A. C. Ragsdale, B. S., *Prof. and Chair. Dept. of Dairy Husb.*
*†H. L. Kempster, B. S., *Prof. and Chair. Dept. of Poultry Husb.*
*P. M. Bernard, A. M., *Instr. An. Husb.*
*†Samuel Brody, M. A., *Asst. Prof. Dairy Chem.*
‡J. W. Burch, *An. Husb. Specialist.*
*†D. W. Chittenden, B. S., *Asst. Prof. An. Husb.*
*M. T. Foster, B. S., *Asst. An. Husb.*
‡H. M. Garlock, B. S., *Ext. Asst. Prof. An. Husb.*
‡I. G. Gibson, B. S., *Ext. Asst. Prof. Dairy Husb.*
‡E. M. Harmon, B. S., *Ext. Asst. Prof. Dairy Husb.*
*†W. P. Hays, B. S., *Instr. Dairy Husb.*
*†E. W. Henderson, B. S., *Asst. Prof. Poultry Husb.*
*†D. H. Nelson, M. S., *Instr. Dairy Husb.*
†J. B. Nelson, A. M., *Asst. in Dairy Husb.*
‡M. J. Regan, B. S., *Ext. Instr. Dairy Husb.*
*†W. H. E. Reid, M. S., *Assoc. Prof. Dairy Husb.*
*M. A. Seaton, *Instr. Poultry Husb.*
‡H. L. Shrader, B. S., *Ext. Asst. Prof. Poultry Husb.*
*†C. W. Turner, A. M., *Instr. Dairy Husb.*
‡R. L. Waddell, B. S., *Ext. Asst. Prof. An. Husb.*
*†L. A. Weaver, B. S., *Prof. An. Husb.*
‡Berley Winton, B. S., *Ext. Instr. Poultry Husb.*

**Botany:** *†W. J. Robbins, Ph. D., *Prof. and Chair. of Dept.*
*†W. H. Eyster, Ph. D., *Asst. Prof. Bot.*
*Ruth H. Lindsay, A. M., *Instr. Bot.*
*W. E. Maneval, Ph. D., *Asst. Prof. Bot.*
*†I. T. Scott, A. M., *Asst. in Bot.; Asst. Plant Path.*

**Chemistry (Agr.):** *†A. G. Hogan, Ph. D., *Chair. Dept. and Prof. An. Nutr.*
*Sidney Calvert, A. M., *Prof. Org. Chem.*

**Chemistry (Agr.)**—Continued.
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†A. R. Hall, B. S., *Asst. in Agr. Chem.*
*H. M. Harshaw, M. S., *Instr. Agr. Chem.*
*J. E. Hunter, *Asst. in Agr. Chem.*
*†J. L. Nierman, M. A., *Instr. Agr. Chem.*
*†W. S. Ritchie, Ph. D., *Asst. Prof. Agr. Chem.*
*Herman Schlundt, Ph. D., *Prof. Chem.*
*E. E. Vanatta, M. S., *Asst. Prof. Agr. Chem.*

**Economics (Rural):** *†O. R. Johnson, A. M., *Prof. Farm Mgt. and Chair. Dept. of Rural Life.*
*†E. L. Morgan, A. M., *Prof. Rural Sociol.*
*†D. R. Cowan, Ph. D., *Asst. Prof. Marketing*
*†B. H. Frame, B. S., *Instr. Farm Mgt.*
*†S. D. Gromer, A. M., *Assoc. Prof. Rural Econ.*
‡H. C. Hensley, B. S., *Ext. Asst. Prof. Agr. Econ.*
‡B. L. Hummel, B. S., *Ext. Instr. Rural Sociol.*
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**Education (Agr.):** *T. E. Sexauer, M. S., *Prof Agr. Ed.*
*J. V. Ankeney, B. S., *Assoc. Prof. Visual Instruction and Itinerant Teaching.*

**Engineering (Agr.):** *†J. C. Wooley, B. S., *Prof. and Chair. of Dept.*
*†W. C. Boney, B. S., *Asst. in Agr. Engin.*
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**Entomology:** *†Leonard Haseman, Ph. D., *Prof. and Chair. of Dept. Chief Nursery Insp.*
*†K. C. Sullivan, A. M., *Asst. Prof. Ent. Deputy Nursery Insp.*
*Neely Turner, B. S., *Asst. in Ent. Deputy Nursery Insp.*
‡Otis Wade, M. S., *Ext. Asst. Prof. Ent.*

**Extension (Admin.):**[2] Director Meyer *in charge.*
‡R. H. Emberson, B. S., *State Ext. Agt.*
‡C. C. Hearne, *State Ext. Agt.*
‡Jane Hinote, *Boys' and Girls' Club Agt.*
‡T. T. Martin, A. B., *Boys' and Girls' Club Agt.*
‡P. B. Naylor, A. B., *State Ext. Agt.*
‡J. F. Nicholson, M. S., *State Ext. Agt.*

[1] This institution gives the academic title to all employees.
[2] For subject-matter workers see the respective division, i. e., animal industry, botany, etc.

**Extension (Admin.)**—Continued.
‡Addie D. Root, B. S., *State Ext. Agt.*
‡R. R. Thomasson, B. S., *State Ext. Agt.*

**Field Crops:** *†W. C. Etheridge, Ph. D., *Prof. and Chair. of Dept.*
‡C. E. Carter, B. S., *Ext. Asst. Prof. Field Crops.*
‡D. W. Frear, M. S., *Ext. Assoc. Prof. Field Crops.*
‡K. G. Harmon, B. S., *Ext. Instr. Field Crops.*
*†C. A. Helm, A. M., *Assoc. Prof. Field Crops.*
*†R. T. Kirkpatrick, B. S., *Instr. Field Crops.*
*†O. W. Letson, A. M., *Instr. Field Crops.*
*†L. J. Stadler, Ph. D., *Asst. Prof. Field Crops.*

**Geology:** *E. B. Branson, Ph. D., *Prof. and Chair. of Dept.*
*W. A. Tarr, Ph. D., *Prof. Geol.*

**Home Economics:** *Jessie A. Cline, B. S., *Assoc. Prof. and Chair. of Dept.*
*Florence B. Caton, A. M., *Instr. Home Econ.*
‡Ida F. Clark, B. S., *Ext. Asst. Prof. Home Econ.*
*Rosalie Godfrey, B. S., *Asst. Prof. Home Econ.*
*Gertrude Heinrici, *Instr. Home Econ.*
‡Essie M. Heyle, B. S., Ph. B., *Ext. Prof. Home Econ.*
*Mary L. Klingner, A. M., *Asst. Prof. Home Econ.*
‡Lois Martin, B. S., *Ext. Instr. Home Econ.*
‡Mary E. Robinson, B. S., *Ext. Asst. Prof. Home Econ.*
‡Julia M. Rochefort, Pe. B., *Ext. Instr. Home Econ.*
*Minnola Stallings, R. N., *Instr. Home Econ.*
*Hannah A. Stillman, A. M., *Instr. Home Econ.*
*Lila Welsh, M. A., *Asst. Prof. Home Econ.*
*Bertha K. Whipple, M. A., *Asst. Prof. Home Econ.*
*Mrs. Anna B. Williams, B. S., *Instr. Home Econ.*

**Horticulture:** *†T. J. Talbert, A. M., *Prof. and Chair. of Dept.*
‡A. P. Boles, M. A., *Ext. Asst. Prof. Hort.*
*†A. M. Burroughs, M. S., *Instr. Hort.*
*E. Honeywell, *Instr. Hort.*
*†H. D. Hooker, jr., Ph. D., *Assoc. Prof. Hort.*
*H. F. Major, B. S., *Assoc. Prof. Landsc. Gard. and Supt. of Grounds.*

**Horticulture**—Continued.
‡E. M. Page, B. S., *Ext. Asst. Prof. Hort.*
*†J. T. Quinn, B. S., *Instr. Hort.*
*†H. G. Swartwout, B. S., *Instr. Hort.*

**Physics:** *H. M. Reese, Ph. D., *Prof. and Chair. of Dept.*
*O. M. Stewart, Ph. D., *Prof. Phys.*

**Soils:** *†M. F. Miller, M. S., *Prof. and Chair. of Dept.*
*†W. A. Albrecht, Ph. D., *Assoc. Prof. Soils.*
*†Richard Bradfield, Ph. D., *Asst. Prof. Soils.*
*†B. B. Branstetter, B. S., *Instr. Soils and Field Crops.*
†William DeYoung, B. S., *Asst. in Soil Survey.*
‡C. L. Dietz, B. S., *Ext. Asst. Prof. Soils.*
*†F. L. Duley, Ph. D., *Assoc. Prof. Soils.*
†H. V. Jordan, B. S., *Asst. in Soil Survey.*
*†H. H. Krusekopf, A. M., *Prof. Soils, Soil Survey Work.*
*†E. B. Powell, B. S., *Asst. in Soils.*
‡P. F. Schowengerdt, B. S., *Ext. Assoc. Prof. Soils.*
‡R. J. Silkett, B. S., *Ext. Instr. Soils.*
‡I. P. Trotter, M. S., *Ext. Asst. Prof. Crops and Soils.*
†R. E. Uhland, B. S., *Asst. in Soils.*

**Veterinary Science:** *†J. W. Connaway, D. V. S., M. D., *Chair. of Dept., Prof. Vet. and Comp. Med.*
*†L. S. Backus, D. V. M., *Assoc. Prof. Vet. Sci.*
†O. S. Crisler, D. V. M., *Supt. Serum Plant.*
*†A. J. Durant, A. M., *Asst. Prof. Vet. Sci.*
*†H. G. Newman, A. M., *Instr. Vet. Sci.*

**Zoology:** *W. C. Curtis, Ph. D., *Prof. and Chair. of Dept.*
*†W. R. B. Robertson, Ph. D., *Assoc. Prof. Zool*
*G. W. Tannreuther, Ph. D., *Assoc. Prof. Zool.*

**Miscellaneous:**
†J. F. Barham, *Photog.*
*†Leslie Cowan, B. S., *Secy.*
*†Jane Frodsham, *in charge Agr. Libr.*
†‡A. A. Jeffrey, A. B., *Agr. Editor.*
*†R. B. Price, jr., *Treas.*
*George Reeder, *Lect. on Met. and Climat., Dir. Mo. Climatic Service, Met. U. S. Weather Bureau.*
*†S. B. Shirky, A. M., *Supt. Short Courses, Asst. to Dean and to Dir. of Sta.*

**Missouri State Fruit Experiment Station,** *Mountain Grove.*

†Station staff.

†F. W. Faurot, B. S., *Director.*

†J. W. Hitt, *Mgr.*
†C. R. Phipps, B. S., *Ent.*

**Missouri State Poultry Experiment Station,** *Mountain Grove.*

†Station staff.

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†Ethel Byer, *Asst. Secy.*
†Sivert Eriksen, D. V. M., *Path. and Bact.*
†Noel Hall, *Specialist in Poultry Ext.*
†W. A. Hovis, *Lab. Tech.*

**Lincoln University,** *Jefferson City.*

*Agricultural faculty.

*N. B. Young, A. M., Litt. D., *President.*

*Helen G. Crampton, *Dom. Art.*
*J. W. Damel, M. Ph., *Biol.*
*B. M. Hawkins, *Dom. Sci.*
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*W. B. Jason, M. A., *Phys. and Chem.*
*Anna L. Porter, B. S., *Chem.*

## MONTANA.

### Montana State College of Agriculture and Mechanic Arts and the Agricultural Experiment Station, *Bozeman.*

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*Alfred Atkinson, D. Sc., *President.*
*†F. B. Linfield, B. S. A., *Dean of Agr., Dir. of Sta.*
‡F. S. Cooley, B. S., *Dir. of Ext. Service.*
E. B. Norris, M. E., *Dean of Engin.*

**Agronomy:** *†Clyde McKee, B. S., *Head of Dept.*
†L. F. Gieseker, M. S., *Asst. Agron.*
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‡A. J. Ogaard, B. S., *Agron. Specialist.*

**Animal Industry:** *†‡C. N. Arnett, B. S., *Head Dept. of An. Husb. Vice Dean of Agr.*
*† ——— ———, *Head Dept. of Poultry Husb.*
‡Harriette E. Cushman, B. S., *Poultry Specialist.*
*†E. J. Haslerud, B. S., *Instr. and Asst. An. Husb.*
*†W. E. Joseph, Ph. D., *Assoc. Prof. and Asst. An. Husb.*
*R. C. McChord, B. S., *Assoc. Prof. An. Husb.*
*A. L. McMahon, B. S., *Instr. An. Husb.*
‡R. B. Millin, B. S., *Livestock Specialist.*
*J. A. Nelson, M. S., *Instr. Dairy Husb.*
‡J. O. Tretsven, B. S., *Dairy Specialist.*

**Botany and Bacteriology:** *†D. B. Swingle, M. S., *Head of Dept.*
*W. N. Christopher, B. S., *Asst. Bot. and Bact.* (*Coop. U. S. D. A.*).
†H. E. Morris, M. S., *Assoc. Bot. and Bact.*

**Chemistry:** †Edmund Burke, B. S., *Chem. and Met.*
*W. M. Cobleigh, E. M., A. M., *Prof. Chem. and Chem. Engin.* (*State Chem.*).
†S. G. Scott, B. S., *Asst. Chem.*
†P. F. Sharp, Ph. D., *Asst. Chem.*

**Education (Agr.):** *M. J. Abbey, A. B., *Prof. Agr. Ed.*

**Engineering (Agr.):** *†H. E. Murdock, C. E., M. E., *Head of Dept.*
*†J. R. Barker, B. S., *Instr. and Asst. in Agr. Engin.*
*F. L. Griffin, *Instr. Agr. Engin.*
*R. M. Merrill, B. S., *Instr. Agr. Engin.*

**Entomology:** *†R. A. Cooley, B. S., *Head of Dept.* (*State Ent.*).
†W. C. Cook, Ph. D., *Asst. in Ent.*
†J. R. Parker, Ph. D., *Assoc. Ent.*
*O. A. Sippel, B. S., *Instr. Beekeeping.*

**Extension (Admin.):**[1] Director Cooley *in charge.*
‡J. C. Taylor, B. S., *County Agt. Leader.*
‡Blanche L. Lee, B. S., *State Home Dem. Leader.*
‡C. E. Potter, B. S., *State Club Leader.*
‡Gertrude Hoffman, *Asst. State Home Dem. Leader.*
‡Doris Ingram, *Asst. State Club Leader.*

**Extension (Admin.)**—Continued.
‡E. H. Lott, B. S., *Asst. County Agt. Leader.*

**Farm Management and Economics:** *†E. L. Currier, B. S., *Prof. Farm Mgt.*
*J. M. Hamilton, M. S., *Agr. Economist.*
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‡M. L. Wilson, M. S., *Farm Mgt. Dem.*

**Home Economics:** *Gladys A. Branegan, M. S., *Prof. Home Econ.*
*Florence Fallgatter, B. S., *Asst. Prof. Home Econ.*
‡Martha M. Hunter, A. B., *Food and Nutr. Specialist.*
*Agnes E. Hutchinson, B. S., *Instr. Home Econ.*
‡Inez La Bossier, B. S., *Clothing Specialist.*
*Mirdyaleen Maxwell, M. S., *Asst. Prof. Institutional Mgt.*
*Alice H. Metcalf, M. S., *Instr. Home Econ.*

**Horticulture:** *†F. M. Harrington, M. S., *Head of Dept.*
*†C. C. Starring, B. S., *Asst. Prof. and Asst. Hort.*

**Veterinary Science:** *†Howard Welch, D. V. M., *Head of Dept.*
*†W. J. Hall, D. V. M., *Asst. in Vet. Sci.*

**Zoology:** *M. H. Spaulding, A. M., *Asst. Prof. and Head of Dept.*

**Miscellaneous:**
*†‡R. B. Bowden, *Editorial Dir.*
*†‡John Dexter, *Asst. Editorial Dir.*
*Elizabeth Forrest, B. L. S., A. M., *Libr.*
†J. G. Rodriguez, *Seed Analyst and Asst. in Grain Lab.*
†W. O. Whitcomb, M. S., *Supt. of Grain Lab.*

**Substations:**
Hort. Substa., *P. O., Victor*—Harvey Thornber, B. S., *Supt.*
Huntley Substa., *P. O., Huntley*—
Dan Hansen, *Supt.* (*Coop. U. S. D. A.*).
A. E. Seamans, B. S., *Asst. Supt.*
Judith Basin Substa., *P. O., Moccasin*—
Albert Osenberg, B. S., *Actg. Supt.* (*Coop. U. S. D. A.*).
Northern Mont. Substa., *P. O., Havre*—
G. W. Morgan, B. S., *Supt.* (*Coop. U. S. D. A.*).
A. L. Baker, B. S., *Asst. in An. Husb.* (*Coop. U. S. D. A.*).

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

## NEBRASKA.

### College of Agriculture and the Agricultural Experiment Station of the University of Nebraska, *Lincoln.*

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*†E. A. Burnett,[1] D. Sc., *Dean Coll. of Agr., Dir. of Sta.*
‡W. H. Brokaw, *Dir. of Agr. Ext. Service.*
O. J. Ferguson, M. E. E., *Dean Coll. of Engin.*

**Agronomy:** *†W. W. Burr, B. S., *Chair. of Dept. and Asst. Dir. of Sta.*
*†T. A. Kiesselbach, Ph. D., *Prof. Agron.; Agron.*
†Arthur Anderson, M. S., *Asst. Agron. and Supt. Agron. Farm.*
*T. H. Goodding, M. S., *Asst. Prof. Agron.*
‡D. L. Gross, B. S., *Asst. State Agt. in Agron.*
*F. D. Keim, M. S., *Prof. Agron.*
†W. E. Lyness, B. S., *Asst. Agron.*
*†J. C. Russel, M. S., *Assoc. Prof. and Assoc. Agron.*
‡P. H. Stewart, B. S., *State Agt. in Agron.*

**Animal Industry:** *†H. J. Gramlich, B. S., *Chair. Dept. of An. Husb.*
*†H. P. Davis, M. S., *Chair. Dept. of Dairy Husb.*
*†F. E. Mussehl, B. S., *Prof. Poultry Husb.; Poultry Husb.*
*†E. O. Anderson, M. S., *Instr. and Asst. Dairy Husb.*
*R. A. Braun, B. S., *Instr. Dairy Husb.*
*W. W. Derrick, B. S., *Instr. An. Husb.*
*†P. A. Downs, Ph. D., *Asst. Prof. and Assoc. Dairy Husb.*
*†H. D. Fox, M. S., *Instr. and Asst. Dairy Husb.*
‡M. N. Lawritson, B. S., *State Agt. in Dairy Husb.*
*†W. J. Loeffel, B. S., *Assoc. Prof. An. Husb.; in charge Swine Invest.*
*†R. F. Morgan, B. S., *Instr. and Asst. Dairy Husb.*
‡M. B. Posson, B. S., *State Agt. in An. Husb.*
‡O. N. Summers, B. S., *State Agt. in Poultry Husb.*

**Botany:** *†R. J. Pool, Ph. D., *Chair. of Dept.*
*†G. L. Peltier, Ph. D., *Prof. Plant Path.; Plant Path.*
*Emma N. Andersen, A. M., *Asst. Prof. Bot.*
*†R. W. Goss, M. S., *Asst. Prof. and Asst. Plant Path.*
*Leva B. Walker, A. M., *Assoc. Prof. Bot.*
*J. E. Weaver, Ph. D., *Prof. Plant Ecology.*

**Chemistry:** *†F. W. Upson, Ph. D., *Chair. of Dept.*
*†M. J. Blish, Ph. D., *Prof. Agr. Chem.; Chem.*
*R. C. Abbott, A. M., *Instr. Chem.*
*C. W. Ackerson, M. S., *Asst. Chem.*
†R. M. Sandstedt, M. S., *Asst. Chem.*
*T. J. Thompson, Ph. D., *Asst. Prof. Chem.*

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‡G. R. Boomer, *State Agt. in Marketing.*
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*†J. O. Rankin, A. M., *Assoc. Prof. and Assoc. in Rural Econ.* (*Coop. U. S. D. A.*).

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*A. A. Baer, B. A., *Assoc. Prof. Agr. Engin.*
†F. R. Nohavec, B. S., *Tractor Testing Engin.*
*J. D. Parsons, B. S. M. E., *Asst. Prof. Agr. Engin.*
*W. J. Runnalls, *Instructing Mechanic.*
*C. W. Smith, M. S., *Assoc. Prof. Agr. Engin.*
‡I. D. Wood, M. S., *State Agt. in Agr. Engin.*

**Entomology:** *†M. H. Swenk, A. M., *Chair. of Dept.* (*State Ent.*).
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‡Allegra Wilkins, *Asst. State Agt. in Club Work.*
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*Frances Dunning, B. S., *Instr. Home Econ.*
‡Myrtle Easley, B. S., *State Agt. in Clothing.*
‡M. Olive Howey, B. S., *Asst. State Agt. in Clothing.*
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*Elizabeth Rutherford, Ph. B., *Instr. Home Econ.*
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[1] In charge of all substations.
[2] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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**Veterinary Science:** *†Leunis Van Es, M. D., V. S., *Chair. Dept. of An. Path. and Hyg.*
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*†H. M. Martin, V. M. D., A. M., *Asst. Prof. An. Path. and Hyg.; Asst. Vet.*
*L. V. Skidmore, B. S., D. V. M., *Instr. An. Path.*

**Miscellaneous:**
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Scottsbluff Substa., *P. O., Mitchell*—J. A. Holden, B. S., *Supt.*
Valentine Substa., *P. O., Valentine*—E. M. Brouse, B. S., *Supt.*

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*†S. B. Doten, M. A., *Dir. of Sta. Prof. of Agr. Research; Ent.*
*‡C. W. Creel, B. S., *Dir. of Agr. Ext. Prof. of Agr. Ext.*
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*†George Hardman, M. S., *Asst. Prof. Agron.; Asst. in Irrig.*

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*‡V. E. Scott, B. S., *Prof. Dairying and Poultry.*
†C. E. Fleming, B. S., *Range Mgt.*

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*C. L. Brown, A. M., *Instr. Biol.*
*P. A. Lehenbauer, Ph. D., *Assoc. Prof. Biol.*
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**Chemistry:** *Maxwell Adams, Ph. D., *Prof. Chem.*
†M. R. Miller, B. S., *Chem.*
*Ruth A. Billinghurst, B. A., *Instr. Chem.*
*W. M. Hoskins, Ph. D., *Instr. Chem.*
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**Education (Agr.):** *G. W. Barr, M. S., *Asst. Prof. Agr. Ed.*

**Engineering (Agr.):** †F. L. Bixby, C. E., *Irrig. (Coop. U. S. D. A.).*

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*Mrs. Luella M. Foster, *State Supvr. Home Econ.*
*Louise K. Hammond, B. S., *Instr. Home Econ.*
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*†P. I. Fitts, B. S., *Instr. and Asst. in Poultry Husb.*
*B. E. Huggins, *Instr. Dairy Husb.*
†E. G. Ritzman, B. S., *An. Brdg. and Nutr.*
*L. V. Tirrell, B. S., *Instr. An. Husb.*
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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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*Mabel Brown, Ph. D., *Asst. Prof. Bot.*
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*H. C. Fogg, M. S., *Instr. Chem.*
*W. S. Frost, Ph. D., *Asst. Prof. Chem.*
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*N. R. Mehrhof, B. S., *Asst. Prof. Poultry Husb.*
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†R. L. Starkey, M. S., *Research Bact.*
**Botany and Plant Pathology:** *†J. W. Shive, Ph. D., *Chief Div. of Bot.; Plant Physiol.*
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**Botany and Plant Pathology**—Continued.
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†S. Lomanitz, M. S., *Research Asst. in Plant Physiol.*
†R. P. Marsh, M. S., *Research Asst. in Plant Physiol.*
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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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‡A. M. Hulbert, *State Leader Junior Ext. Work.*
‡Adaline G. Ely, *Asst. State Home Dem. Leader.*
‡M. Ethel Jones, M. A., *Asst. State Leader Junior Ext. Work.*
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*A. J. Farley, B. S., *Assoc. Prof. Hort.*
*†H. F. Huber, B. S., *Instr. Veg. Gard.; Asst. in Oler.*
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‡C. H. Nissley, B. S., *Veg. Growing Specialist.*
*L. G. Schermerhorn, B. S., *Assoc. Prof. Veg. Gard.*

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**Zoology:** *W. J. Crozier, Ph. D., *Prof. Zool., Sanitary Sci.*
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*A. R. Moore, Ph. D., *Prof. Physiol.*
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†F. L. Campbell, B. S., *Chem. in Sewage Invest.*
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†G. J. Oldis, *Fert. Sampler.*
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†Willem Rudolfs, Ph. D., *Biochem. in Ent., Chief in Sewage Invest.*

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†Ray Hutson, B. S., *Asst. Ent. in Apiculture.*
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†W. N. Walden, *Asst. Ent.*

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†C. H. Connors, B. S., *Assoc. in Plant Brdg.*
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†Elizabeth Clark, B. S., *Research Asst. in Plant Path.*
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†R. F. Poole, Ph. D., *Assoc. Plant Path.*

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†Bonnie R. Fudge, B. S., *Asst. Seed Analyst.*
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†David Schmidt, Ph. D., *Asst. Seed Analyst.*

**Zoology:** †T. C. Nelson, Ph. D., *Biol. in Oyster Invest.*

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.
[2] Given in the College for Women.

## NEW MEXICO.

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*†‡Fabian Garcia, M. S., *Dir. of Sta.*
‡C. F. Monroe, M. Agr., *Dir. of Ext. Service.*
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†D. W. Bloodgood, B. S. M. E., *Irrig. Engin.* (*Coop. U. S. D. A.*).
†A. S. Curry, B. S., *Asst. in Irrig.*

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‡H. S. Moles, B. S., *Asst. Dir.* (*County Agt. Work*).
‡Amelia S. Alexander, *State Home Dem. and Club Leader.*
‡C. A. McNabb, *Field Agt. in Marketing.*

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

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*W. H. Darst, B. S., *Prof. Farm Crops.*
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†‡G. M. Garren, Ph. B., *Asst. Agron. in Plant Brdg.*
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†‡S. W. Hill, B. S., *Asst. in Plant Brdg.*
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‡P. H. Kime, B. S., *Agron. Specialist (Coop. U. S. D. A.).*
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†‡F. R. Farnham, *Asst. in Dairy Farming (Coop. U. S. D. A.).*
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‡A. C. Kimrey, A. B., *Asst. in Dairy Farming.*
‡A. G. Oliver, *Poultry Ext. (Coop. U. S. D. A.).*
‡W. W. Shay, *Swine Husb. Ext. (Coop. U. S. D. A.).*
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‡V. W. Lewis, *Livestock Marketing.*
*R. O. Moen, M. A., *Assoc. Prof. Rural Econ.*
*R. J. Saville, B. S., *Instr. Farm Mgt.*
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*L. O. Armstrong, B. S., *Instr. Voc. Ed.*
*W. L. Mayer, B. S., *Assoc. Prof. Voc. Ed.*

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D. S. Weaver, B. S., *Assoc. Prof. Agr. Engin.*

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‡C. R. Hudson, M. S., *in charge Negro Work.*
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‡S. J. Kirby, B. S., *Asst. State Club Agt.*
‡Maude E. Wallace, *Asst. State Home Dem. Agt.*

**Horticulture:** *†J. P. Pillsbury, B. S., *Prof. Hort.; Hort.*
†C. D. Matthews, B. S., *Chief Hort. (State Hort.).*
‡H. R. Niswonger, M. A., *Ext. Hort.*
‡R. F. Payne, B. S., *Asst. Hort.*

**Horticulture**—Continued.
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†Robert Schmidt, B. S., *Asst. State Hort.*
*J. W. Trotter, B. S., *Instr. Hort.*
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**Physics:** *J. B. Derieux, Ph. D., *Prof. Phys.*
*A. A. Dixon, A. M., *Asst. Prof. Phys.*
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**Veterinary Science:** *W. C. Reeder, M. S., V. M. D., *Prof. Vet. Sci. and Physiol.*
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Piedmont Branch Sta., *P. O., Statesville*—F. T. Meacham, M. S., *Asst. Dir.*
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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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‡N. D. Gorman, *Asst. Supvr. of Projects.*
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*Helen C. Finlayson, A. B., *State Supvr. Home Econ.*
*Constance Leeby, B. S., *Instr. Home Econ.*
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Edgeley—O. A. Thompson, B. S., *Supt.*
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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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*J. D. Sayre, Ph. D., *Instr. Bot.*
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*C. G. McBride, M. S., *Asst. Prof. Marketing.*
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*Harold Kenestrick, B. S., *Asst. Prof. Agr. Ed.*
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‡Virgil Overholt, B. S., *Agr. Engin. Specialist.*
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‡F. L. Allen, *Supvr. of Insts. and Ext. Schools.*
‡W. W. Brownfield, B. S., *Dist. Supvr.*
‡G. R. Eastwood, B. S., *Dist. Supvr.*
‡D. S. Myer, B. S., *Dist. Supvr.*
‡B. B. Spohn, B. S., *Dist. Supvr.*
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[1] For subject-matter workers see the respective division, i. e., animal industry, botany, etc.

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*Henrietta Gromme, B. S., *Asst. Prof. Voc. Home Econ.*
*Laurentzia S. Hansen, Ph. B., *Instr. Home Econ.*
*Hazel Huston, B. S., *Instr. Home Econ.*
*Almeda Jones, B. S., *Instr. Home Econ.*
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‡Lelia Ogle, *Nutr. Specialist.*
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‡F. H. Beach, B. S., *Hort. Specialist.*
*F. G. Charles, B. S., *Instr. Hort.*
‡N. W. Glines, B. S., *Veg. Gard. Specialist.*
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*L. M. Montgomery, M. S., *Prof. Hort.*
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*†G. A. Bieberdorf, B. S., *Instr. and Asst. Ent.*
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*Mary Diehl, *Instr. Household Admin.*
*Madonna Fitzgerald, B. S., *Instr. Household Sci.*
*Lydia M. Hoffman, B. S., *Assoc. Prof. Household Sci.*
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*Ruth Meyers, B. S., *Supvr. Voc. Home Econ.*
‡Jessie S. Pollock, *Clothing Specialist.*
*Louise Pritchett, B. S., *Prof. Household Sci.*
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‡D. C. Mooring, M. S., *Ext. Hort.*
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*V. D. Chappell, M. S., *Asst. Prof. Dairy Husb.*
*H. N. Colman, B. S., *Instr. Dairy Husb.*

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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*C. E. Owens, M. A., *Assoc. Prof. Bot. and Plant Path.*
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[1] For subject-matter workers see the respective division, i. e., animal industry, bacteriology, etc.

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*†C. E. Schuster, M. S., *Assoc. Prof. and Asst. Hort. (Pomol.).*
*†E. H. Wiegand, B. S., *Prof. Hort. Products; Hort.*
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*†C. V. Ruzek, B. S., *Prof. and Assoc. in Soils (Fert.).*
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*C. R. Donham, D. V. M., *Instr. Vet. Med.*

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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**Substations:**
Boll Weevil Control Sta., *P. O., Florence*—
——, *in charge.*
Coast Sta., *P. O., Summerville*—J. A. Riley, M. S., *Supt.*
Pee Dee Sta., *P. O., Florence.*—
R. E. Currin, *Supt.*
E. D. Kyzer, B. S., *Research Asst.*

**Colored Normal, Industrial, Agricultural, and Mechanical College of South Carolina,** *Orangeburg.*

*Agricultural faculty. ‡Extension staff.

*‡R. S. Wilkinson, Ph. D., *President. In Charge of Ext. Work.*
*F. M. Staley, B. S., *Dir. Agr. Dept., Prof. Agr.*

*Olive K. Benson, *Dir. Home Econ.*
*Mae A. Black, L. I., *Instr. Cooking and Dietetics.*
‡Dora E. Boston, *Supvr. Home Dem. Work.*
*W. H. Buchanan, B. S., *Prof. Hort.*
*‡H. E. Daniels, B. S., *Asst. Dir. Ext. Work.*
*C. Clara Davis, A. M., *Instr. Sewing.*
*Ida P. Davis, R. N., *Instr. Rural Nursing and Sanitation.*
*B. R. Dent, *Teacher-Training Home Econ.*
*A. H. Gordon, A. B., *Instr. Agr. Ed.*
*C. D. Haynes, A. B., *Instr. Voc. Agr. and Gardening.*
*M. Johnakin, *Teacher-Training Agr.*
*T. J. Lyles, B. S., *Prof. Dairying.*
*Marion R. Mickey, L. I., *Instr. Dressmaking.*
*Anna L. Overstreet, L. I., *Instr. Dom. Econ.*
*‡S. M. Pinckney, B. S., *Prof. An. Indus.*
*L. C. Potter, B. S., *Instr. Agr. Chem. and Dairying.*
*J. I. Washington, *Instr. Farm Accounting.*
*J. T. Williamson, B. S., *Prof. Agr. Pedag.*

## SOUTH DAKOTA.

**South Dakota State College of Agriculture and Mechanic Arts and the Agricultural Experiment Station,** *Brookings.*

*College faculty. †Station staff. ‡Extension staff.

*C. W. Pugsley, B. S., D. Agr., *President.*
*C. Larsen, M. S., *Dean of Agr.*
*†J. W. Wilson, M. S., LL. D., *Dir. of Sta.*
‡W. F. Kumlien, M. S., *Dir. of Ext. Div.*
*†R. A. Larson, *Secy.*
H. B. Mathews, M. S., *Chair. of Engin. Staff.*

**Agronomy:** *†A. N. Hume, Ph. D., *Prof. Agron.; Agron. and Supt. of Substas. Dir. State Soil Survey.*
*†J. G. Hutton, M. S., *Assoc. Prof. and Assoc. Agron. Asst. Dir. State Soil Survey.*
*Ray Bulger, B. S., *Asst. in Agron.*
*†A. L. Bushey, M. S., *Asst. Prof. and Asst. Agron.*
*†Matthew Fowlds, B. S., *Instr. Agron.; Asst. in Crops.*
*†E. W. Hardies, B. S., *Asst. Prof. and Asst. Agron.*
‡R. E. Johnston, B. S., *Agron.*
*G. A. Larson, B. S., *Asst. in Agron.*
*J. A. Machlis, B. S., *Asst. in Agron. and Soil Survey.*
‡G. H. Valentine, B. S., *Asst. Agron.*

**Animal Husbandry:** Director Wilson *in charge.*
*G. L. Stevenson, B. S., *Prof. Poultry Husb.*
*C. D. Grinnells, D. V. M., B. S., *Assoc. Prof. An. Husb.*
‡Gerald Heebink, M. S., *Asst. Livestock Specialist.*
*F. H. Helmreich, B. S., *Asst. Prof. An. Husb.*
*†A. H. Kuhlman, M. S., *Assoc. Prof. and Assoc. An. Husb.*
*Enoch Peterson, *Instr. Poultry Husb.*
‡Clara M. Sutter, *Poultry Specialist.*
‡T. R. H. Wright, B. S., *Livestock Specialist.*
**Botany and Plant Pathology:** *A. T. Evans, Ph. D., *Prof. Bot., Plant Path.*
*E. J. Petry, M. S., *Consult. Bot.*
**Chemistry:** *†B. A. Dunbar, A. M., *Prof. Chem.; Chem.*

**Chemistry**—Continued.
*E. R. Bennewies, M. S., *Assoc. Prof. Chem.*
*G. W. Botteron, M. S., *Asst. Prof. Chem.*
*D. C. Farley, B. S., *Instr. Chem.*
*†C. F. Wells, M. S., *Instr. and Asst. Chem.*

**Dairy Husbandry:** *†T. M. Olson, M. S., *Assoc. Prof. and Actg. Head of Dept..*
*Lynn Copeland, M. S., *Asst. Prof. Dairy Husb.*
*R. M. Gilcreast, B. S., *Instr. Dairy Husb.*
‡H. M. Jones, B. S., *Dairy Specialist.*
*C. C. Totman, B. S., *Instr. in charge Dairy Mfrs.*

**Economics (Agr.):** *‡M. R. Benedict, B. S., *Prof. Farm Econ.*
‡H. D. McCullough, B. S., *Farm Econ.*
*R. E. Post, M. S., *Asst. Prof. Farm Econ.*
*V. R. Wertz, M. S., *Asst. Prof. Farm Econ.*
††C. G. Worsham, M. S., *Assoc. in Farm Econ.*

**Education (Agr.):** *C. R. Wiseman, M. S., *Asst. Prof. in charge.*

**Engineering (Agr.):** *J. A. Bonnell, *Asst. Prof. Farm Mach.*
*E. E. Hartnett, M. A., *Asst. Prof. Indus. Art.*
‡R. L. Patty, B. S., *Agr. Engin. Specialist.*

**Extension (Admin.):**[1] Director Kumlien *in charge.*
‡E. W Hall, B. S., *County Agt. Leader.*
‡P. J. Scarbro, A. B., *in charge Ext. Methods for Boys and Girls.*

**Home Economics:** *Edith Pierson, M. S., *Prof. Home Econ.*
*Ada B. Caldwell, *Prof. Indus. Arts.*
‡Mary A. Dolve, B. S., *Specialist in Foods.*
‡May Keithline, *Specialist in Clothing and Boys' and Girls' Club Work.*

**Home Economics**—Continued.
*Louise L. Leaton, B.S., *Asst. Prof. Home Econ.*
‡Azalea Linfield, M. A., *Clothing Specialist.*
*Laura J. McArthur, B. S., *Asst. Prof. Home Econ.*
*Grace E. Wasson, Ph. B., *Instr. Home Econ.*
‡Susan Z. Wilder, M. S., *Specialist in Foods.*

**Horticulture:** *†N. E. Hansen, Sc. D., *Prof. Hort. and For.; Hort. and Vice Dir. of Sta.*
*P. L. Keene, M. S., *Asst. Prof. Hort.*

**Journalism:** *††P. W. Kieser, *Prof. Journalism; Agr. Editor.*

**Physics:** Prof. Mathews *in charge.*
*H. H. Hoy, M. S., *Assoc. Prof. Phys.*

**Veterinary Medicine:** *†C. C. Lipp, D. V. M., *Prof. Vet. Med.; Dir. An. Health Lab.*
*†K. T. Redfield, D. V. M., *Instr. Bact.; Asst. Vet.*
*J. B. Taylor, V. M. D., *Instr. Vet. Sci. and Bact.*
‡G. S. Weaver, V. S., *Vet. Specialist.*

**Zoology and Entomology:** *†H. C. Severin, M. A., *Prof. Zool. and Ent.; Ent. (State Ent.)*
‡A. L. Ford, M. S., *Ent. Specialist.*
*†G. I. Gilbertson, M. S., *Asst. Prof. Zool.; Asst. Ent.*
*R. M. Gilcreast, B. S., *Instr. Apiculture.*
*E. C. O'Roke, M. A., *Asst. Prof. Zool.*

**Substations:**
Cottonwood—H. M. Sanderson, *Foreman.*
Eureka—Joseph Hoffman, *Foreman.*
Highmore—S. W. Sussex, *Foreman.*
Vivian—Frank Hussey, *Foreman.*

## TENNESSEE.

**College of Agriculture and the Agricultural Experiment Station of the University of Tennessee,** *Knoxville.*

* College faculty. † Station staff. ‡ Extension staff.

*H. A. Morgan, B. S., LL. D., *President of University.*
*C. A. Willson, M. S., M. Agr., *Dean Coll. of Agr.*
†C. A. Mooers, B. S., *Dir. of Sta.*
‡C. A. Keffer, M. H., *Dir. Div. of Agr. Ext.*
C. E. Ferris, M. E., *Dean Coll. of Engin.*

**Agronomy:** Director Mooers *in charge.*
†L. W. Blair, *Asst. in Coop. Expts. (P. O., Allardt).*
†J. E. Converse, *Asst. in Coop. Expts. (P. O., Crossville).*
*O. W. Dynes, M. S., *Assoc. Prof. Agron.*
†J. G. Faulkner, *Asst. in Plat Work.*
*R. B. Lowry, M. S., *Assoc. Prof. Agron.*
‡J. C. McAmis, B. S., *Agron. Specialist.*
†L. S. Mayer, *Asst. Agron. in charge Corn Invest. (Detailed by U. S. D. A.).*
‡R. H. Milton, B. S., *Asst. Agron. Specialist (P. O., Nashville).*
†H. P. Ogden, B. S., *Asst. in Coop. Expts. (P. O., Murfreesboro).*
†S. M. Spangler, *Asst. in Plat Work.*

**Animal Industry:** *†Moses Jacob, V. M. D., *Prof. An. Husb.; An. Husb.*
*C. E. Wylie, M. A., *Prof. Dairying.*
*I. A. Buckels, B. S., *Instr. Dairy Prod.*
*H. R. Duncan, B. S., *Asst. Prof. An. Husb.*

**Animal Industry**—Continued.
†L. S. Edwards, B. S., *Creamery Mfg. (P. O., Lebanon: Detailed by U. S. D. A.).*
‡C. C. Flanery, M. S., *Asst. in An. Husb.*
*T. B. Harrison, B. S., *Instr. Dairy Mfrs.*
‡C. A. Hutton, B. S., *Dairy Husb. Specialist.*
‡J. H. McLeod, B. S., *Asst. in An. Husb.*
*L. Z. Morris, B. S., *Voc. Instr. An. Husb.*
‡L. A. Richardson, B. S., *An. Husb. Specialist.*
*C. W. Robinson, B. S., *Voc. Instr. An. Husb.*
‡G. N. Tobey, *Cheese Specialist.*
‡Mrs. Kate M. Wells, B. S., *Poultry Husb. Specialist.*

**Bacteriology:** *P. W. Allen, Ph. D., *Prof Bact.*
*M. A. Jacobson, M. S., *Asst. Prof. Bact.*

**Botany:** *L. R. Hesler, Ph. D., *Prof. Bot.*
†S. H. Essary, M. S., *Bot.*
†C. D. Sherbakoff, Ph. D., *Plant Path.*
*H. M. Jennison, Ph. D., *Assoc. Prof. Bot.*
†J. A. McClintock, M. S., *Assoc. Prof. Plant Path.*
†Annie E. Neubert, *Asst. Plant Path.*

[1] For subject-matter workers see the respective **division, i. e., agronomy, animal husbandry, etc.**

**Chemistry:** *C. E. Wait, C. E., M. E., Ph. D., *Prof. Gen. and Anal. Chem.*
†W. H. MacIntire, Ph. D., *Soil Chem.*
*C. A. Buehler, B. Ch. E., Ph. D., *Asst. Prof. Chem.*
†T. D. Harden, B. S., *Asst. Chem.*
*C. O. Hill, Ph. C., M. S., *Prof. Org. and Agr. Chem.*
*J. H. Robertson, Ph. D., *Assoc. Prof. Chem.*
†W. M. Shaw, M. S., *Asst. Chem.*
†J. B. Young, B. A., *Asst. Chem.*

**Economics (Agr.):** *†C. E. Allred, M. S., *Prof. Agr. Econ.; Agr. Economist.*
‡A. L. Jerdan, B. S., *Marketing Specialist.*
‡Elizabeth Moreland, B. A., *Community Service Specialist.*
‡R. J. Morgan, B. S., *Organ. Specialist.*

**Education (Agr.):** *N. E. Fitzgerald, B. Pd., B. S., *Prof. Agr. Ed.*
*J. P. Buck, B. S., *Assoc. Prof. Agr. Ed.*
*H. C. Graybeal, M. S., *Asst. Prof. Agr. Ed.*

**Engineering (Agr.):** ‡H. B. Bliss, B. S., *Farm Mach. Specialist.*
*W. C. Krueger, B. S., *Instr. Rural Engin.*

**Extension (Admin.):**[1] Director Keffer *in charge.*
‡C. E. Brehm, B. S., *Asst. Dir.*
‡G. L. Herrington, B. S., *State Club Agt.*
‡Margaret A. Ambrose, *Asst. Dir. Home Dem. Work.*

**Geology:** *C. H. Gordon, Ph. D., *Prof. Geol.*

**Home Economics:** *Nellie Crooks, B. S., *Dir. of Dept.*
*Esther Bracken, M. S., *Asst. Prof. Home Econ.*
*Mary Dahnke, B. S., *Instr. Home Econ.*
*Amanda Ebersole, B. S., *Asst. Prof. Home Econ.*

**Home Economics**—Continued.
‡Maude L. Guthrie, M. A., *Home Econ. Specialist.*
*Ruby E. Hitch, B. A., *Asst. Prof. Home Econ.*
‡Lillian Keller, B. S., *Asst. Specialist in Home Econ.*
*Katherine Slightam, B. S., *Asst. Prof. Home Econ.*
‡Mrs. Lena A. Warner, R. N., *Health and Sanitation Specialist.*

**Horticulture:** *N. D. Peacock, M. S., *Assoc. Prof. in charge Hort. Work.*
†Otha Ogle, *Foreman of Fruit Farm.*

**Veterinary Science:** *†Prof. Jacob *in charge.*

**Zoology and Entomology:** *E. B. Powers, Ph. D., *Prof. Zool.*
*G. M. Bentley, M. A., *Assoc. Prof. Ent. (State Ent. and Plant Path.).*
*W. E. Bullington, M. S., *Instr. Zool.*
†Simon Marcovitch, M. S., *Asst. Ent.*
*Hamilton Steele, *Voc. Instr. Beekeeping.*

**Miscellaneous:**
†F. H. Broome, *Secy., Photog.*
*W. A. Campbell, *Farm Supt.*
‡Florence D. McTeer, *Ext. Secy.*
‡A. J. Sims, *Ext. Editor.*
*†Lucile Warnock, A. B., B. L. S., *Asst. Agr. Libr.*

**Substations:**
Middle Tenn. Expt. Sta., *P. O., Columbia*—L. R. Neel, B. S., *Supt.*
Tobacco Expt. Sta., *P. O., Clarksville*—H. W. Jones, *Supt.*
West Tenn. Expt. Sta., *P. O., Jackson*—S. A. Robert, B. S., *Supt.*
R. L. Long, *Asst. in Plat Work.*

**Tennessee Agricultural and Industrial State Normal School,** *Nashville.*

*Agricultural faculty.

*W. J. Hale, *President.*

*Mrs. Martha M. Brown, *Dir. Home Econ.*
*R. B. J. Campbell, *Asst. in Sci.*
*D. H. Coleman, *Truck Gard. and Applied Agr.*
*Janie Elliott, *Applied Dom. Sci.*
*Ella Gordon, *Nurse Training.*
*C. H. Harper, M. A., *Teacher Training in Agr.*
*Mrs. W. H. Hodgkins, *Poultry Raising.*
*Mary B. Jackson, B. S., *Dom. Sci.*
*J. D. Jarmon, D. V. M., *Agr.*
*Mrs. A. T. Johnson, *Handicrafts.*
*J. S. Julian, *Sci.*
*Agnes L. Kelley, *Tailoring and Designing.*
*Mrs. Octavia Robinson, *Dom. Art.*
*Frances Thompson, *Manual Art.*
*Mary L. Wilson, *Household Mgt.*

## TEXAS.

**Agricultural and Mechanical College of Texas and the Agricultural Experiment Station,** *College Station.*

*College faculty. †Station staff. ‡Extension staff.

*W. B. Bizzell, Ph. D., D. C. L., LL. D., *President.*
†B. Youngblood, Ph. D., *Dir. of Sta.*
‡T. O. Walton, *Dir. Ext. Service.*
*Charles Puryear, M. A., C. E., LL. D., *Dean of Coll.*
*E. J. Kyle, M. S., *Dean School of Agr.*
F. C. Bolton, B. S., *Dean School of Engin.*

**Agronomy:** †E. B. Reynolds, M. S., *Chief of Div.*
†A. B. Conner, M. S., *Vice Dir. of Sta. (Grain Sorghum Research).*
†A. H. Leidigh, M. S., *Asst. Dir. of Sta. (Small Grain Research).*

**Agronomy**—Continued.
*J. O. Morgan, Ph.D., *Head Prof. Agron.*
†G. N. Stroman, Ph. D., *Cotton Brdg.*
*W. H. Corpening, B. S., *Instr. Agron.*
*H. V. Geib, B. S., *Asst. Prof. Agron.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

**Agronomy**—Continued.
†D. T. Killough, B. S., *Supt. Main Sta. Farm.*
*E. O. Pollock, A. M., *Asst. Prof. Agron.*
*J. H. Stallings, M. S., *Assoc. Prof. Agron.*

**Animal Industry:** †J. M. Jones, A. M., *Chief of Div.* (*Sheep and Goat Invest.*).
*D. W. Williams, M. S., *Head Prof. An. Husb.*
*G. P. Grout, M. S., *Head Prof. Dairy Husb.*
*D. H. Reid, M. S., *Head Prof. Poultry Husb.*
‡G. W. Barnes, B. S., *Beef Cattle Specialist.*
*D. S. Buchanan, B. S., *Asst. Prof. An. Husb.*
T. A. Clutter, jr., B. S., *Assoc. Prof. Dairy Husb.*
*A. L. Darnell, M. A., *Assoc. Prof. Dairy Husb.*
‡E. O. Edson, *Poultry Husb.*
*A. H. Groth, M. S., *Instr. An. Husb.*
†J. J. Hunt, *Wool Grader.*
*D. F. Irving, B. S., *Asst. Prof. Poultry Husb.*
†J. L. Lush, Ph. D., *An. Husb.* (*Genetics*).
‡Myrtle Murray, *Poultry Specialist.*
*E. M. Regenbrecht, B. S., *Assoc. Prof. An. Husb.*
†R. M. Sherwood, B. S., *Poultry Husb.*
*W. L. Stangel, A. M., *Prof. An. Husb.*
‡J. L. Thomas, *Dairy Specialist.*
‡A. L. Ward, *Swine Husb.*
†G. R. Warren, B. S., *Swine Husb.*
*H. T. Wilson, M. S., *Asst. Prof. An. Husb.*

**Biology:** *O. M. Ball, Ph. D., *Head Prof.*
*Howard Burt, A. B., *Asst. Prof. Biol.*
*P. F. English, B. S., *Asst. Prof. Biol.*
*E. H. Harper, Ph. D., *Assoc. Prof. Biol.*
*D. J. Pratt, A. M., *Assoc. Prof. Biol.*
*G. W. Stuppy, M. S., *Asst. Prof. Biol.*

**Botany:** †Helge Ness, M. S., *Chief of Div.*

**Chemistry and Chemical Engineering:** †G S. Fraps, Ph. D., *Chief Div. of Chem.* (*State Chem.*).
*C. C. Hedges, Ph. D., *Head Prof. Chem. and Chem. Engin.*
†S. E. Asbury, M. S., *Asst. Chem.*
*George Bauer, B. S., *Instr. Chem.*
*F. F. Bishop, B. S., *Instr. Chem.*
†J. K. Blum, B. S., *Asst. Chem.*
*H. R. Brayton, M. S., *Prof. Chem.*
*F. H. Fish, Ch. E., *Assoc. Prof. Chem.*
†Velma Graham, *Chem. Lab. Asst.*
*E. L. Harter, A. B., *Instr. Chem.*
*F. H. Hood, A. B., Ph. G., *Instr. Chem.*
*B. C. Jones, A. B., *Instr. Chem.*
*L. G. Jones, M. S., *Asst. Prof. Chem.*
*L. A. Koenig, B. A., *Asst. Prof. Chem.*
†A. G. Peterson, B. S., *Asst. Chem.*
*A. J. Spieth, A. B., *Instr. Chem.*
†J. E. Teague, B. S., *Asst. Chem.*
*C. R. Voges, B. S., *Instr. Chem.*
†W. H. Walker, *Asst. Chem.*

**Economics (Agr.):** †L. P. Gabbard, M. S., *Chief Div. Farm and Ranch Econ.* (*Coop. U. S. D. A.*).
*F. A. Buechel, Ph. D., *Head Prof. Agr. Econ., Head Course in Agr. Admin.*
*W. E. Garnett, Ph. D., *Head Prof. Rural Sociol.*
*J. C. Butler, B. A., *Instr. Agr. Econ.*
†V. L. Cory, M. S., *Grazing Research Bot., Farm and Ranch Econ.*

**Economics (Agr.)**—Continued.
‡M. M. Daugherty, *Farm Mgt. Specialist.*
‡R. R. Lancaster, *Rural Organizer.*
‡W. B. Lanham, A. M., *Rural Economist.*
*V. P. Lee, Ph. D., *Prof. Agr. Econ.*
*T. W. Leland, M. A., *Assoc. Prof. Agr. Econ.*
*C. M. Purves, M. A., *Instr. Agr. Econ.*
†H. E. Rea, B. S., *Asst. in Farm and Ranch Econ.*
*R. C. White, M. A., *Assoc. Prof. Rural Sociol.*

**Education (Agr.):** *C. H. Winkler, Ph. D., *Dean School of Voc. Teaching and Head Prof. Agr. Ed.*
*J. H. Kraft, B. S., *Prof. Agr. Ed.*
*W. L. Hughes, M. S., *Prof. Rural Ed.*

**Engineering (Agr.):** *Daniels Scoates, B. S (C. E., A. E.), *Head Prof.*
‡M. R. Bentley, *Agr. Engin.*
*F. R. Jones, B. S., *Asst. Prof. Agr. Engin.*
*H. P. Smith, B. S., *Assoc. Prof. Agr. Engin.*
*S. D. Snyder, B. S., *Assoc. Prof. Agr. Engin.*

**Entomology:** †M. C. Tanquary,[1] Ph. D., *Chief of Div.* (*State Ent.*).
*S. W. Bilsing, M. A., *Head Prof. Ent.*
*A. H. Alex, B. S., *Queen Breeder, State Apicultural Research Lab., P. O., San Antonio.*
*R. K. Fletcher, M. A., *Assoc. Prof. Ent.*
†W. R. Jordan, B. S., *Apiary Insp.*
*V. A. Little, B. A., *Asst. Prof. Ent.*
†H. J. Morris, *Apiary Insp.*
†H. B. Parks, B. S., *Apiculturist in charge State Apicultural Research Lab., P. O., San Antonio.*
†H. J. Reinhard, B. S., *Ent.*
‡R. R. Reppert, *Ent.*
*R. G. Richmond, B. S., *Instr. Ent.*
†C. S. Rude, B. S., *Ent.*
†W. O. Victory, jr., *Apiary Insp.*

**Extension (Admin.):** [2] Director Walton *in charge.*
‡H. H. Williamson, *State Agt.*
‡Helen Higgins, *State Home Dem. Agt.*
‡S. C. Evans, *State Boys' Club Agt.*
‡Mrs. Edith M. Andrews, *Home Econ. Specialist.*
‡Mrs. Dora R. Barnes, *Clothing Specialist.*
‡Mrs. Maggie W. Barry, *Special Agt.*
‡Mrs. Bernice Claytor, *Home Econ. Specialist.*
‡Mildred F. Horton, *Asst. State Home Dem. Agt.*
‡R. W. Persons, *Asst. State Agt., Club Work.*
‡A. K. Short, *Ext. Methods.*

**Feed Control Service:** †F. D. Fuller, M. S., *Chief.*
†D. W. Carlton, B. S., *Insp.*
†J. J. Kelly, *Insp.*
†S. D. Pearce, *Secy.*
†J. D. Prewit, B. S., *Insp.*
†J. H. Rogers, *Insp.*
†W. H. Wood, *Insp.*

**Forestry:** *E. O. Siecke, B. S., *Head Prof.* (*State For.*).

**Genetics:** *E. P. Humbert, Ph. D., *Head Prof.*
*W. R. Horlacher, B. S., *Assoc. Prof. Genetics.*

**Geology:** *E. O. Randolph, M. S., D. Litt., *Head Prof.*
*F. A. Burt, B. S., *Assoc. Prof. Geol.*

**Horticulture:** †A. T. Potts, M. S., *Chief of Div.*
*E. J. Kyle, M. S., *Head Prof. Hort.*

[1] Resigns May 1, 1924. Succeeded by F. L. Thomas, of Alabama.
[2] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

**Horticulture**—Continued.
*G.W. Adriance, M. S., *Asst. Prof. Hort.*
*C. A. Boyer, B. S., *Instr. Hort.*
*F. W. Hensel, M. S., *Prof. Hort.*
‡E. A. Miller, B. S., *Veg. Specialist.*
‡A. P. Swallow, *Hort.*
*C. B. Wiggans, M. S., *Instr. Hort.*

**Plant Pathology and Physiology:** †J. J. Taubenhaus, Ph. D., *Chief of Div.*

**Publications:** †A. D. Jackson, *Chief of Div.*
‡S. C. Hoyle, *Ext. Editor.*

**Soil Survey:** †W. T. Carter, jr., B. S., *Chief of Div.* (*Coop. U. S. D. A.*).
†H. W. Hawker, *Soil Surveyor.*
†Edward Templin, B. S., *Soil Surveyor.*

**Veterinary Medicine:** *†Mark Francis, D. V. M., *Dean School of Vet. Med.; Chief Div. of Vet. Sci.*
†V. J. Brauner, D. V. M., *Vet.*
†H. Schmidt, D. V. S., *Vet.*

**Miscellaneous:**
†C. A. Felker, *Chief Clerk.*

**Miscellaneous**—Continued.
†C. J. Gorzycki, *Tech. Asst.* (*Photog.*).
†J. M. Schaedel, *Executive Asst.*
†A. S. Ware, *Secy.*

**Substations:**
Angleton (No. 3)—V. E. Hafner, B. S., *Supt.*
Balmorhea (No. 9)—J. J. Bayles, B. S., *Supt.*
Beaumont (No. 4)—A. H. Prince, B. S., *Supt.*
Beeville (No. 1)— —— —— —— *Supt.*
Chillicothe (No. 12)—D. L. Jones, *Actg. Supt.* (*Coop. U. S. D. A.*).
College Station (No. 10)—L. J. McCall, *Supt.*
Denton (No. 6)—P. B. Dunkle, B. S., *Supt.*
Lubbock (No. 8)—R. E. Karper, B. S., *Supt.*
Mercedes (No. 15)—W. H. Friend, B. S., *Supt.*
Nacogdoches (No. 11)—G. T. McNess, *Supt.*
Sonora (No. 14)—
E. M. Peters, B. S., *Supt.*
D. H. Bennett, V. M. D., *Vet.*
O. L. Carpenter, B. S., *Shepherd.*
Spur (No. 7)—R. E. Dickson, B. S., *Supt.*
Temple (No. 5)—A. B. Cron, B. S., *Supt.*
Troup (No. 2)—W. S. Hotchkiss, *Supt.*

**Prairie View State Normal and Industrial College,** *Prairie View.*

*Agricultural faculty. ‡Extension work.

*J. G. Osborne, B. S., M. D., *Principal.*
*R. B. Atwood, *Dir. of Agr.*

*J. M. Alexander, *Prof. Plant and Poultry Husb.*
*M. B. Arrington, *Assoc. Prof. Dom. Sci.*
*Diana S. Bent, *Assoc. Prof. Dom. Art.*
*C. C. Carrington, *Prof. Hort.*
*H. G. Dickerson, B. S., *Prof. Voc. Agr.*
*Mrs. N. B. Dillon, *Asst. in Dom. Sci.*
*E. B. Evans, D. V. M., *Prof. Vet. Sci.*
*Henrietta Farrell, *Laundry Asst.*
‡Mrs. M. E. V. Hunter, *Home Econ. Ext.*
*Mrs. A. E. Johnson, *Asst. in Dom. Art* (*Millinery*).
*E. F. Martin, *Asst. in Dom. Art.*
*Elizabeth C. May, B. S., *Dir. Home Econ.*
*C. S. Ross, B. S., *Prof. An. Husb.*
‡C. H. Waller, B. S., *State Leader in Ext. Work.*
*Gertrude Williams, *Libr.*
*Weldon Williams, *Laundry Foreman.*

## UTAH.

**Agricultural College of Utah and the Agricultural Experiment Station,** *Logan.*

*College faculty. †Station staff. ‡Extension staff.

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*†G. R. Hill, jr., Ph. D., *Dean School of Agr.*
*†William Peterson, B. S., *Dir. of Sta.*
‡R. J. Evans, Ph. D., *Dir. of Ext. Div.*
*†R. B. West, B. S., C. E., *Dean Schools of Agr. Engin. and Mech. Arts, Dir. Agr. Engin. Expt. Sta.*

**Agronomy:** *†George Stewart, M. S., *Prof. Agron.; in charge Field Crops.*
†D. S. Jennings, Ph. D., *in charge Soil Survey Work.*
‡J. C. Hogenson, M. S., *Ext. Agron.*
*†D. W. Pittman, M. S., *Asst. Prof. Agron.; Assoc. Agron.*
†M. D. Thomas, B. S., *Assoc. Agron.*

**Animal Industry:** *†W. E. Carroll, Ph. D., *Prof. An. Husb.; An. Husb.*
*†G. B. Caine, A. M., *Prof. Dairy Husb.; Dairy Husb.*
*†‡Byron Alder, B. S., *Asst. Prof. Poultry Husb.; Poultryman.*
*†R. J. Becraft, B. S., *Asst. Prof. in charge Range Mgt.*
‡J. T. Caine, III, M. S., *Livestock Specialist.*
‡B. R. Eldredge, B. S., *Dairy Specialist P. O., Salt Lake City).*

**Animal Industry**—Continued.
*†Gustav Wilster, M. S., *Assoc. Prof. and Assoc. Dairy Husb.*

**Bacteriology and Physiological Chemistry:**
*†J. E. Greaves, Ph. D., *Prof. Bact., Physiol. Chem.; Bact., Chem.*
*†E. G. Carter, M. S., *Asst. Prof. Bact., Physiol.; Assoc. Bact.*

**Botany and Plant Pathology:** Dean Hill *in charge.*
*†‡B. L. Richards, Ph. D., *Assoc. Prof. Bot., Plant Path.; Assoc. Bot.*
*†L. F. Nuffer, M. S., *Instr. and Asst. Bot.*

**Chemistry:** *†R. L. Hill, Ph. D., *Prof. Chem.; Head Dept. of Human Nutr.*
*†C. T. Hirst, M. S., *Asst. Prof. Chem.; Assoc. Chem.*
*Sherwin Maeser, Ph. D., *Asst. Prof. Chem.*

**Economics (Agr.):** *†E. B. Brossard,[1] Ph. D., *Prof. Agr. Econ. and Farm Mgt.; Farm Mgt.*
*C. H. Merchant, M. S., *Actg. Prof. Agr. Econ. and Farm Mgt.*
*M. H. Harris, Ph. D., *Prof. Econ.*
*†W. L. Wanlass, Ph. D., *Marketing.*

**Engineering (Agr.):** *†O. W. Israelsen, M. S., *Prof. and in charge Irrig. and Drainage Engin.*
†‡L. M. Winsor, B. S., *Irrig. and Drainage Engin.*

**Extension (Admin.):**[2] Director Evans *in charge.*
‡W. W. Owens, B. S., *County Agt. Leader.*
‡Rena B. Maycock, *State Home Dem. Leader.*
*‡J. H. Linford, D. Di., *Supt. Corresp. Studies Dept.*
*‡F. R. Arnold, A. M., *in charge Community Service Bureau.*

**Geology:** Director Peterson *in charge.*
*D. S. Carder, B. S., *Instr. Geol.*

**Home Economics:** *Carrie C. Dozier, Ph. D., *Dean School of Home Econ., Prof. Foods and Dietetics.*
‡Victoria B. Christensen, *Home Health and Nutr. Specialist.*
‡Christine B. Clayton, B. S., *Foods Specialist.*
*Charlotte E. Dancy, *Asst. Prof. Nursing.*
*Johanna Moen, B. S., *Prof. Dom. Art.*
*Lavinia Richardson, B. S., *Instr. Dom. Art.*
‡Rozina Skidmore, B. S., *Asst. Prof. Dom. Art.*

**Horticulture:** *†T. H. Abell, M. S., *Asst. Prof. in charge.*
*‡Emil Hansen, *Instr. Hort. and Supt. Grounds and Greenhouses.*

**Physics:** *†F. L. West, Ph. D., *Prof. Phys.; Physicist.*
*†Willard Gardner, Ph. D., *Assoc. Prof. Phys.; Assoc. Physicist.*
*†N. E. Edlefsen, M. A., *Instr. Phys.; Asst. Physicist.*

**Veterinary Science:** *†‡H. J. Frederick, D. V. M., *Prof. Vet. Sci.; Vet.*

**Zoology and Entomology:** *†‡I. M. Hawley, Ph. D., *Prof. Zool., Ent.; Ent.*
*†H. J. Pack, B. S., *Asst. Prof. Zool., Ent.; Asst. Ent.*
*C. W. Rees, Ph. D., *Asst. Prof. Zool., Ent.*

**Miscellaneous:**
*†Peter Nelson, B. S., *Farm Foreman.*
*Blanche C. Pittman, A. B., *Libr.*
*Hattie Smith, *Asst. Libr.*

**Substations:**
Davis County Farm, *P. O., Farmington*—A. L. Wilson, B. S., *Supt.*
Nephi Substa., *P. O., Nephi*—A. F. Bracken, B. S., *Supt.*
Panguitch Farm, *P. O., Panguitch*—J. R. Bateman, B. S., *Supt.*

## VERMONT.

**College of Agriculture and the Agricultural Experiment Station of the University of Vermont and State Agricultural College,** *Burlington.*

*College faculty. †Station staff. ‡Extension staff.

*G. W. Bailey, B. A., LL. D., *President.*
*†J. L. Hills, Sc. D., *Dean Coll. of Agr., Dir. of Sta.*
‡Thomas Bradlee, B. S., *Dir. Agr. Ext. Service.*
J. W. Votey, C. E., Sc. D., *Dean Coll. of Engin.*

**Agronomy:** Dean Hills *in charge.*
*‡Ernest Van Alstine, Ph. D., *Assoc. Prof. Agron., Agron. Specialist.*

**Animal Industry:** *†‡H. B. Ellenberger, Ph. D., *Prof. An. and Dairy Husb.; An. and Dairy Husb.*
‡S. G. Judd, B. S., *Dairy Specialist.*
*‡H. A. D. Leggett, B. S., *Asst. Prof. Poultry Husb., Poultry Specialist.*
*†J. A. Newlander, M. S., *Instr. An. and Dairy Husb.; Asst. An. Husb.*

**Botany:** *†G. P. Burns, Ph. D., *Prof. Bot.; Bot.*
*†B. F. Lutman, Ph. D., *Prof. Plant Path.; Plant Path.*
*†E. J. Dole, Ph. D., *Instr. and Asst. Bot.*
*†Alexander Gershoy, B. S., *Instr. and Asst. Bot.*
*†A. H. Gilbert, M. S., *Asst. Prof. Bot.; Assoc. Plant Path.*
†Anna S. Lutman, B. S., *Seed Analyst.*

**Chemistry:** *A. B. Willmarth, M. S., *Asst. Prof. in charge Agr. Chem.*
†C. H. Jones, M. S., *Chem.*
†G. F. Anderson, *Asst. Chem.*

**Economics (Agr.):** ‡H. P. Young, B. S., *Farm Mgt. Dem.*
*‡J. A. Hitchcock, B. S., *Instr. Farm Mgt., Asst. Farm Mgt. Dem.*

**Education (Agr.):** *F. B. Jenks, B. S., *Prof. Agr. Ed., Asst. Dean Coll. of Agr.*

**Engineering (Agr.):** *F. C. Fiske, B. S., *Instr. Farm Mech.*

**Extension (Admin.):**[1] Director Bradlee *in charge, and County Agt. Leader.*
‡Lydia M. Potter, B. S., *State Home Dem. Leader.*
‡E. L. Ingalls, A. B., *State Club Leader.*
‡J. E. Carrigan, B. S., *Asst. County Agt. Leader.*
‡Marjorie E. Luce, B. S., *Asst. State Club Leader.*
‡C. H. Winslow, B. S., *Asst. to Dir.*

**Home Economics:** *Bertha M. Terrill, A. M., *Prof. Home Econ.*
*Florence Bailey, B. S., *Instr. Home Econ.*
*Alice E. Blundell, B. S., *Asst. Prof. Home Econ.*
*Sue C. Blundell, B. S., *Instr. Home Econ.*
*Hazel G. Field, B. S., *Instr. Home Econ.*
‡Emma A. Fuller, B. S., *Home Econ. Specialist.*
*Jessie A. Winchell, B. S., *Asst. Prof. Home Econ.*

**Horticulture:** *†‡M. B. Cummings, Ph. D., *Prof. Hort.; Hort.*
†E. W. Jenkins, M. S., *Asst. Hort.*

**Veterinary Science:** *F. A. Rich, V. S., M. D., *Prof. Vet. Sci.*

**Zoology:** *H. F. Perkins, Ph. D., *Prof. Zool.*

**Miscellaneous:** *W. H. Crockett, *Editor.*

[1] On leave.
[2] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

## VIRGINIA.

**Virginia Agricultural and Mechanical College and Polytechnic Institute and the Agricultural Experiment Station,** *Blacksburg.*

*College faculty. †Station staff. ‡Extension staff.

*J. A. Burruss, A. M., Ph. D., *President.*
*†H. L. Price, M. S., *Dean School of Agr.*
†A. W. Drinkard, jr., Ph. D., *Dir. of Sta.*
‡J. R. Hutcheson, M. S., *Dir. of Ext. Div.*
S. R. Pritchard, A. M., *Dean School of Engin.*

**Agronomy:** *†T. B. Hutcheson, M. S., *Prof. Agron.; Agron. and Supvr. of Substas.*
*†T. K. Wolfe, Ph. D., *Prof. Agron.; Agron.*
‡G. A. Jackson, B. S., *Asst. Agron.*
†M. S. Kipps, B. S., *Asst. in Agron.*
‡G. W. Patteson, jr., B. S., *Agron. Specialist.*
*H. B. Redd, B. S., *Instr. Agron.*

**Animal Industry:** ††W. D. Saunders, *Dairy and An. Husb., Dairy Specialist.*
*R. E. Hunt, M. S., *Prof. An. Husb.*
*†C. W. Holdaway, M. S., *Prof. Dairy Husb.; Dairy Husb., Supt. of Creamery, Dairy, and Advanced Registry.*
*‡A. F. Treakle, *Prof. Poultry Husb.*
*‡F. A. Buchanan, B. S., *Assoc. Prof. Dairy Husb.*
*C. T. Cornman, *Asst. Prof. Poultry Husb.*
‡A. L. Dean, *Assoc. Poultry Husb.*
‡L. P. Emmerich, B. S., *Asst. Dairy Husb.*
‡G. C. Herring, B. S., *Asst. An. Husb.*
‡Bessie M. Hodsden, *Asst. Poultry Specialist.*
†C. R. Nobles, B. S., *Asst. An. Husb.*
*T. S. Starnes, *Instr. Poultry Husb.*
‡Rachel F. Treakle, *Asst. in Poultry Husb.*

**Bacteriology and Plant Pathology:** *†F. D. Fromme, Ph. D., *Prof. Bact. and Plant Path.; Bact. and Plant Path.*
‡James Godkins, *Ext. Path.*
†R. H. Hurt, B. S., *Asst. Plant Path. in charge Field Lab., P. O., Crozet.*
*†A. B. Massey, B. S., *Assoc. Prof. and Assoc. Bact. and Plant Path.*
†F. J. Schneiderhan, M. S., *Asst. Plant Path.*
†S. A. Wingard, M. S., *Assoc. Plant Path.*

**Chemistry:** *†W. B. Ellett, Ph. D., *Prof. Agr. Chem.; Chem.*
†W. G. Harris, M. S., *Assoc. Chem.*
†H. H. Hill, M. S., *Assoc. Chem.*
*J. B. Lucas, M. S., *Assoc. Prof. Chem.*

**Economics (Agr.):** *‡C. C. Taylor, M. S., *Assoc. Prof. Agr. Econ. and Specialist in Econ. and Marketing.*
†J. J. Vernon, M. S., *Assoc. Agr. Economist.*

**Education (Agr.):** *D. S. Lancaster, M. S., *Prof. Agr. Ed.*
*W. B. Coggin, A. M., *Prof. Agr. Ed.*
*E. C. Magill, B. S., *Assoc. Prof. Agr. Ed.*
*W. S. Newman, M. S., *Assoc. Prof. Agr. Ed.*

**Engineering (Agr.):** *††C. E. Seitz, *Prof. Agr. Engin.; Agr. Engin.*
*W. T. Ackerman, B. S. A. E., *Instr. Agr. Engin.*

**Engineering (Agr.)**—Continued.
*‡M. J. Markuson, B. S., *Instr. and Asst. Agr. Engin.*
‡J. A. Waller, jr., M. S., *Asst. Agr. Engin.*

**Entomology:** *†W. J. Schoene, M. S., *Prof. Econ. Ent.; Ent. (State Ent.).*
†W. S. Hough, A. M., *Asst. Ent.*[1]
†L. A. Stearns, M. S., *Asst. Ent.*[1]
†G. W. Underhill, M. S., *Asst. Ent.*[1]
†C. R. Willey, B. S., *Asst. Ent.*[1]

**Extension (Admin.):** [2] Director Hutcheson *in charge.*
‡W. P. Moore, *Asst. Dir.*
‡Mrs. M. M. Davis, *State Home Dem. Agt.*
‡C. G. Burr, B. A., *State Agt. Boys' Club Work.*
‡Hallie L. Hughes, *State Agt. Girls' Club Work.*
‡C. A. Montgomery, B. S., *Asst. State Boys' Club Agt.*

**Home Economics:** ‡J. Eldona Oliver, B. S., *Clothing Specialist.*
‡Lula V. Walker, M. S., *Home Econ. Specialist.*

**Horticulture:** Dean Price *in charge.*
*‡T. C. Johnson, A. M., *Prof. Veg. Gard. (P. O., Norfolk).*
*††G. S. Ralston, M. S., *Prof. and Field Hort.*
‡Kent Apperson, *Asst. Hort.*
‡L. C. Beamer, *Asst. in Veg. Ext.*
*L. B. Dietrick, B. S., *Field Instr. Hort.*
†R. C. Moore, B. S., *Asst. Hort.*
‡F. A. Motz, B. S., *Asst. Hort.*
*C. B. Price, *Instr. Hort.*
*‡A. G. Smith, jr., B. S., *Asst. Prof. and Specialist in Veg. Gard.*
*†D. A. Tucker, B. S., *Instr. and Asst. Hort.*

**Veterinary Science:** *I. D. Wilson, D. V. M., M. S., *Prof. Vet. Sci.*

**Miscellaneous:**
*†Bettye Bell, *Asst. Libr. in charge Agr. Sec.*
*Frances M. Benson, *Actg. Libr.*
†Mrs. A. P. Cunningham, *Asst. Libr.*
‡E. R. Price, *Editor.*
*†C. I. Wade, *Treas. (P. O., Christiansburg).*

**Substations:** T. B. Hutcheson, M. S., *Supervisor.*
Appomattox—B. G. Anderson, B. S., *Supt.*
Bowling Green—W. W. Green, *Supt. and Supvr. of Tobacco Invest. (Coop. U. S. D. A.).*
Charlotte Court House—H. C. Marshall, *Supt.*
Chatham—T. L. Copley, B. S., *Supt.*
Fishersville—P. C. Manley, B. S., *Supt.*
Holland—E. T. Batten, B. S., *Supt.*
Lightfoot—R. P. Cocke, *Supt.*
Martinsville—O. P. Strawn, *Supt.*

[1] State Crop Pest Commission Work.
[2] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc

**Virginia Truck Experiment Station,** *Norfolk.*

†Station staff.

†T. C. Johnson. A. M., *Director. Hort.*

†R. J. Davis, A. B., *Assoc. Plant Path.*
†G. R. Gardner, *Hort. Foreman.*
†M. M. Parker, B. S., *Asst. Hort.*
†G. R. Parrish, *Treas.*
†D. M. Scott, *Supt. Eastern Shore Expt. Farm, P. O., Olney.*
†Herbert Spencer, Ph. D., *Assoc. Ent. in charge Insect Invest.*
†H. H. Zimmerley, B. S., *Hort.*

**Virginia Normal and Industrial Institute,** *Petersburg.*

*Agricultural faculty.

*J. M. Gandy, A. M., Pd. D., *President.*
*G. W. Owens, M. S., *Dir. of Agr. School.*

*Cassie Bellinger, B. S., *Asst. in Dom. Art.*
*L. S. Boyer, B. S., *Instr. Voc. Agr.*
*I. A. Derbigney, A. B., *Instr. Chem.*
*Letitia I. Flowers, *Pract. Dom. Sci.*
*Mattie L. Jackson, B. S., *Asst. in Dom. Art.*
*A. A. Kildare, A. B., *Asst. in Chem.*
*H. F. McFadden, B. S., *Instr. An. Husb.*
*F. D. Patterson, D. V. M., *Instr. Vet. Sci.*
*Esther I. Tate, B. S., *Instr. Dom. Sci.*
*J. B. Tynes, *Instr. Farm Shop.*
*Pearl M. Vaughan, *Instr. Home Craft.*
*C. J. Wartman, *Pract. Agr.*
*Mamie L. White, *Libr.*
*Edwina M. Wright, B. S., *Dir. Home Econ.*

## VIRGIN ISLANDS.

**Agricultural Experiment Station,** *St. Croix.*

Under the supervision of the Office of Experiment Stations, United States Department of Agriculture.

†Station staff.

†J. B. Thompson, B. S., *Agronomist in charge.*

†W. M. Perry, *Hort. and Asst. in Ext.*
†M. S. Baker, B. S., *Asst. Agron.*

## WASHINGTON.

**State College of Washington, the Agricultural Experiment Station, and the Extension Service,** *Pullman.*

*College faculty. †Station staff. ‡Extension staff.

*E. O. Holland, Ph. D., *President.*
*†E. C. Johnson, M. A., *Dean Coll. of Agr., Dir. of Sta.*
*‡S. B. Nelson, D. V. M., *Dean and Dir. of Ext. Service.*
H. V. Carpenter, M. S., *Dean Coll. of Mech. Arts and Engin., Dir. of Engin. Expt. Sta.*

**Animal Industry:** *†Howard Hackedorn, B. S., *Head Dept. of An. Husb.*
*†E. V. Ellington, B. S., *Head Dept. of Dairy Husb.*
*†J. S. Carver, B. S., *Head Dept. of Poultry Husb.*
‡G. C. Anderson, B. S., *Dairy Specialist.*
‡W. D. Buchanan, B. S., *Poultry Specialist.*
*L. W. Cassel, B. S., *Instr. Poultry Husb.*
*H. A. Collins, B. S., *Instr. Dairy Mfrs.*
‡C. M. Hubbard, B. S., *An. Husb. Specialist.*
‡F. W. Kherli, B. S., *Asst. Dairy Specialist.*
*†Joe Knott, B. S., *Herdsman.*
‡D. G. Magruder, M. A., *Dairy Specialist.*
*A. H. Rishoi, B. S., *Instr. Dairy Mfrs.*
*R. T. Smith, B. S., *Instr. An. Husb.*
*†Jerry Sotola, M. S., *Asst. Prof. and Asst. An. Husb.*
*†R. D. Tucker, B. S., *Supt. Official Testing.*

**Bacteriology:** †S. C. Vandecaveye, Ph. D., *Bact.*
*Victor Burke, Ph. D., *Assoc. Prof. Bact.*
*L. A. Burkey, M. S., *Instr. Bact.*
*Vera E. Lautenschlager, M. A., *Instr. Bact.*

**Botany:** *F. L. Pickett, Ph. D., *Head of Dept.*
*Hannah C. Aase, Ph. D., *Asst. Prof. Bot.*
*Mildred E. Manuel, A. B., *Instr. Bot.*
*Harold St. John, Ph. D., *Asst. Prof. Bot.*

**Chemistry:** *C. C. Todd, Ph. D., *Head of Dept.*
†J. L. St. John, M. S., *Chem. (State Chem.).*
*C. M. Brewster, A. M., *Prof. Chem.*
*H. L. Cole, B. S., *Asst. Prof. Chem.*
*†R. P. Cope, M. S., *Assoc. Prof. Anal. and Agr. Chem.; Asst. Chem.*
*J. L. Culbertson, M. A., *Instr. Chem.*
*R. W. Gelbach, Ph. D., *Instr. Chem.*
†E. L. Green, B. S., *Asst. Chem.*
*A. A. Levine, Ph. D., *Instr. Chem.*
†J. R. Neller, Ph. D., *Asst. Chem.*
*Alice G. Paterson, A. B., *Asst. Prof. Anal. Chem.*

**Education (Agr.):** *D. W. Hamilton, Ph. D., *Prof. Agr. Ed.*
*F. J. Stevenson, B. S., *Instr. Agr. Ed.*

**Engineering (Agr.):** *†L. J. Smith, B. S., *Head of Dept.*

**Engineering (Agr.)**—Continued.
*†O. L. Waller, Ph. M., *Head of Irrig. Div. Vice Pres. of Coll.*
‡A. B. Crane, M. S., *Drainage Specialist.*
*C. C. Johnson, B. A., *Instr. Agr. Engin.*

**Extension (Admin.):**[1] Dean and Dir. Nelson *in charge.*
‡R. M. Turner, B. S., *Asst. Dir.*
‡W. W. Underwood, B. S., *Asst. Dir.*
‡Maud M. Wilson, B. S., *Asst. Dir.*
‡Elmina White, B. S., *Asst. State Club Leader.*

**Farm Crops and Farm Management:** *†E. G. Schafer, M. S., *Head Dept. of Farm Crops.*
*†George Severance, B. S., *Head Dept. of Farm Mgt. Vice Dean of Coll.*
†O. E. Barbee, M. S., *Asst. in Farm Crops.*
*†E. F. Gaines, D. Sc., *Assoc. Prof. Farm Crops; Cerealist* (*Coop. U. S. D. A.*).
‡R. N. Miller, B. S., *Farm Mgt. Specialist.*

**Forestry:** *E. H. Steffen, M. F., *Head of Dept.*

**Home Economics:** *Florence Harrison, M. A., *Dean Coll. of Home Econ.*
*Edna I. Avery, A. M., *Head Div. of Clothing and Textiles.*
*Leila W. Hunt, A. M., *Head Div. of Foods and Nutr.*
‡Eulalia B. Alger, B. S., *Clothing Specialist.*
*Catherine T. Bryden, M. A., *Asst. Prof. Home Econ.*
*Mary Elliott, B. S., *Asst. Dietitian.*
*Vivian L. Garrett, B. S., *Instr. Home Econ.*
*Nellie B. Jacobs, B. A., *Instr. Home Econ.*
‡M. Minerva Lawrence, B. S., *Home Mgt. Specialist.*
*Alice H. Mustard, B. S., *Instr. Institutional Mgt., Asst. Dietitian.*
*Helen K. Robson, B. S., *Asst. Prof. Home Econ.*
*Mae M. Siemens, B. S., *Instr. Institutional Mgt.*
*Ida M. Smith, *Supervising Dietitian.*
‡Mary E. Sutherland, B. S., *Foods and Nutr. Specialist.*

**Horticulture:** *†O. M. Morris, M. S., *Head of Dept.*
‡M. D. Armstrong, B. S., *Asst. Specialist in Hort.*
†W. A. Luce, B. S., *Asst. Hort.* (*P. O., Wenatchee*).

**Horticulture**—Continued.
*F. L. Overley, M. S., *Instr. Hort.*
*C. L. Vincent, B. S., *Instr. Hort.*

**Plant Pathology:** *†F. D. Heald, Ph. D., *Head of Dept.*
*†B. F. Dana, M. S., *Asst. Prof. and Asst. Plan Path.*
‡G. L. Zundel, M. S., *Plant Path.*

**Soils:** *†F. J. Sievers, M. S., *Head of Dept.*
*A. F. Heck, M. S., *Asst. Prof. Soils.*
‡Leonard Hegnauer, B. S., *Soils and Crops Specialist.*
†H. F. Holtz, M. S., *Asst. Soil Physicist.*

**Veterinary Science:** *E. E. Wegner, D. V. S., B. S., *Dean Coll. of Vet. Sci., Prof. Surg.*
*S. L. Brown, B. S., D. V. S., *Instr. Anat. and Surg.*
*J. A. Howarth, D. V. M., *Prof. Vet. Sci.*
†J. W. Kalkus, D. V. S., *Vet.* (*P. O., Puyallup*)
*J. E. McCoy, D. V. S., *Instr. Vet. Med.*
*E. A. Rodier, D. V. M., *Instr. Path. and Bact.*

**Zoology:** *†A. L. Melander, Sc. D., *Head of Dept., Prof. Ent.; Ent.*
*†W. T. Shaw, M. S., *Prof. Zool.; Zool.*
‡B. A. Slocum, B. S., *Specialist in Apiculture.*
†Anthony Spuler, M. S., *Asst. Ent.*

**Substations:**
Adams Branch Sta., *P. O., Lind*—
M. A. McCall, M. S., *Supt.*
H. M. Wanser, B. S., *Asst. in Crops and Soils.*
Cranberry Lab., *P. O., Seaview*—D. J. Crowley, B. S., *Specialist in Cranberry Invest.*
Irrig. Branch Sta., *P. O., Prosser*—
R. P. Bean, B. S., *Supt.* (*Coop. U. S. D. A.*).
T. R. Hall, M. S., *Asst. Hort.*
H. P. Singleton, M. S., *Asst. in Soils and Crops.*
C. C. Wright, B. S., *Specialist in Irrig. Invest.* (*Coop. U. S. D. A.*).
Waterville Branch Sta., *P. O., Waterville*—C. E. Hill, B. S., *Supt.* (*Coop. U. S. D. A.*).

**Western Washington Station,** *P. O., Puyallup:*
W. A. Linklater, B. S., *Supt.*
Arthur Frank, B. S., *Plant Path.*
W. T. Johnson, B. S., D. V. M., *Vet.*
M. E. McCollam, B. S., *Agron.*
H. D. Locklin, M. S., *Hort.*
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*G. R. Lyman, Ph. D., *Dean Coll. of Agr.*
†H. G. Knight, Ph. D., *Dir. of Sta.*
‡N. T. Frame, A. B., *Dir. of Agr. Ext. Div.*
C. R. Jones, M. M. E., *Dean Coll. of Engin.*

**Agronomy:** *†R. J. Garber, Ph. D., *Prof. Agron.; Agron.*
‡D. R. Dodd, M. S., *Agron. Specialist.*
*†T. E. Odland, M. S., *Asst. Prof. and Asst. Agron.*
*†K. S. Quisenberry, B. S., *Instr. and Junior Agron.*

**Animal and Poultry Husbandry:** *†E. A. Livesay, M. S., *Prof. An. Husb.; An. Husb.*
†Horace Atwood, M. S., *Poultry Husb.*
*E. L. Andrews, B. S., *Assoc. Prof. Poultry Husb.*
‡B. F. Creech, B. S., *Beef Cattle and Hog Specialist.*

[1] For subject-matter workers see the respective division, i. e., animal industry, bacteriology, etc.

**Animal and Poultry Husbandry**—Continued.
*‡E. L. Shaw, B. S., *Instr. An. Husb., Sheep Specialist.*
*†E. C. Stillwell, M. S., *Instr. and Junior An. Husb.*
†R. H. Tuckwiller, B. S., *Asst. in An. Husb. (Coop. U. S. D. A.).*
*†C. V. Wilson, B. S., *Instr. and Junior An. Husb.*

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†F. B. Kunst, A. B., *Asst. Chem.*
†T. B. Leith, A. B., *Asst. Chem.*
†C. E. Weakley, jr., *Asst. Chem.*

**Dairy Husbandry:** *†E. L. Anthony, M. S., *Prof. Dairy Husb.; Dairy Husb.*
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*†H. O. Henderson, M. S., *Assoc. Prof. and Assoc. Dairy Husb.*
‡J. V. Hopkins, B. S., *Dairy Specialist.*
*†G. M. Trout, B. S., *Asst. in Dairy Husb.*

**Economics: (Agr.):** *†A. J. Dadisman, M. S., *Assoc. Prof. Farm Econ.; Assoc. Farm Economist.*
‡A. H. Rapking, B. D., *Rural Organ.*
*†J. H. Shaffer, B. S., *Asst. in Farm Econ.*

**Education (Agr.):** *H. B. Allen, M. S., *Assoc. Prof. Agr. Ed.*
*R. A. Olney, M. S., *Asst. Prof. Agr. Ed.*
*D. W. Parsons, M. S., *Instr. and Asst. Supvr. Voc. Agr.*

**Engineering (Agr.):** *†F. D. Cornell, jr., B. S., *Instr. and Junior Farm Mech.*
*F. F. Shafer, C. E., *Drainage Engin.*

**Entomology:** *†L. M. Peairs, M. S., *Prof. Ent.; Ent.*
†W. E. Rumsey, B. S., *Asst. Ent. (State Ent.).*

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‡H. S. Vandervort, B. S., *Asst. Dir. in charge Coop. Work with Counties.*
‡W. H. Kendrick, B. S., *Asst. Dir. in charge Club Work.*
‡Margaret Ford, B. S., *State Home Dem. Agt.*
‡Hazel Horsfall, B. S., *State Club Agt.*

**Home Economics:** *Rachel H. Colwell, A. M., *Prof. Home Econ.*
*Marion F. Breck, M. S., *Asst. Prof. Ed. and Home Econ.*
*Margaret J. Chambers, B. S., *Instr. Home Econ.*
*Isabelle D. Lowe, B. S., *Instr. Home Econ.*
*Mary A. Milner, B. S., *Instr. Home Econ.*
*Ruth K. Trail, M. S., *Asst. Prof. Home Econ.*

**Horticulture:** *†M. J. Dorsey, Ph. D., *Prof. Hort.; Hort.*
*†Ernest Angelo, B. S., *Instr. and Junior Hort.*
‡Dee Crane, *Potato Specialist.*
*†H. L. Crane, M. S., *Assoc. Prof. and Assoc. Hort.*
*†T. M. Currence, B. S., *Asst. in Hort.*
‡D. T. Gray, B. S., *Hort. Specialist.*
*†H. E. Knowlton, Ph. D., *Assoc. Prof. and Assoc. Hort.*
‡H. W. Prettyman, B. S., *Supt. Spray and Packing Service (P. O., Inwood).*
*†K. C. Westover, B. S., *Asst. Prof. and Asst. Hort.*

**Journalism:** *†‡C. E. Stockdale, B. S., *Instr. Agr. Journalism; Agr. Editor.*

**Plant Pathology:** *†N. J. Giddings, Ph. D., *Prof. Plant Path.; Plant Path.*
†Anthony Berg, B. S., *Asst. Plant Path.*
*†L. H. Leonian, Ph. D., *Asst. Prof. and Asst. Plant Path.*
†‡E. C. Sherwood, M. S., *Asst. Plant Path., Specialist in Plant Diseases and Insects.*

**Soils:** *†E. P. Deatrick, Ph. D., *Assoc. Prof. Soils; Assoc. Soil Tech.*

**Veterinary Science:** *†‡C. A. Lueder, D. V. M., *Assoc. Prof. Vet. Sci.; Assoc. Vet.*

**Miscellaneous:**
*L. D. Arnett, Ph. D., *Libr.*

**Substations:**
Maggie Substa., *P. O., Maggie*—T. C. McIlvaine, M. S., *Asst. Agron. in charge (Coop. U. S. D. A.).*
Reymann Memorial Farms, *P. O., Wardensville*—L. F. Sutton, B. S., *Supt. and Asst. Hort.*

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*R. W. James, *Asst. Dir. Agr. Dept.*
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*D. M. Prillerman, B. S., *Chem.*
*Ednora Prillerman, *Dom. Sci.*
*W. F. Savoy, *Libr.*
*Mabel Sinkford, *Home Nursing.*
*Mrs. Amanda D. Spriggs. *Dom. Arts.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

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*†‡A. L. Stone, *Asst. Prof. and Asst. Agron.*
*†‡A. H. Wright, M. S., *Assoc. Prof. Agron.; Agron. (Coop. U. S. D. A.).*

**Animal and Poultry Husbandry:** *†‡G. C. Humphrey, B. S., *Chair. An. Husb. Dept.*
*†‡J. G. Halpin, B. S., *Chair. Poultry Husb. Dept.*
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‡A. O. Collentine, *An. Husb. Specialist.*
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*†‡O. N. Johnson, *Asst. in Poultry Husb.*
*†‡Frank Kleinheinz, *Asst. Prof. and Asst. An. Husb. (Sheep Work).*
*†‡C. E. Lampman, B. S., *Instr. Poultry Husb.*
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**Bacteriology:** *†‡E. G. Hastings, M. S., *Chair. of Dept.*
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*†‡W. D. Frost, Ph. D., Dr. P. H., *Prof. Agr. Bact.; Agr. Bact.*
*Edith Haynes, M. S., *Asst. in Agr. Bact.*
*†J. W. Stevens, M. S., *Asst. in Agr. Bact.*
*A. L. Whiting, Ph. D., *Assoc. Prof. Agr. Bact.*
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**Chemistry:** *†E. B. Hart, B. S., *Chair. of Dept.*
*†Archie Black, B. S., *Asst. in Agr. Chem.*
*†C. A. Elevehjem, B. S., *Asst. in Agr. Chem.*
*†J. H. Jones, M. S., *Asst. Agr. Chem.*
*†Samuel Lepkovsky, B. S., *Instr. and Asst. Agr. Chem.*

**Chemistry**—Continued.
*Mrs. Mariana S. Nelson, M. S., *Instr. Agr. Chem.*
*†W. H. Peterson, Ph. D., *Assoc. Prof. Agr. Chem.; Agr. Chem.*
†E. G. Schmidt, B. S., *Asst. in Agr. Chem.*
*†Harry Steenbock, Ph. D., *Prof. Agr. Chem.; Agr. Chem.*
*W. H. Strowd, Ph. D., *Lect. in Agr. Chem.*
*†W. E. Tottingham, Ph. D., *Assoc. Prof. Agr. Chem.; Agr. Chem.*

**Dairy Husbandry:** *†‡E. H. Farrington, M. S., *Chair. of Dept.*
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*†H. H. Sommer, Ph. D., *Asst. Prof. and Asst. Dairy Husb.*
*†L. C. Thomsen, G. A., *Instr. and Asst. Dairy Husb.*

**Economics (Agr.):** *†‡B. H. Hibbard, Ph. D., *Chair. of Dept.*
‡J. S. Donald, D. D. S., *Agr. Econ. Specialist (Coop. U. S. D. A.).*
*W. W. Fetrow, B. S., *Asst. in Agr. Econ.*
*†A. J. Haas, *Asst. in Agr. Econ.*
†Stella Jacobus, *Asst. in Agr. Econ.*
*O. M. Johnson, B. S., *Asst. in Agr. Econ.*
*†‡J. H. Kolb, Ph. D., *Assoc. Prof. Agr. Econ. (Rural Life); Agr. Econ.*
*†P. E. McNall, M. S., *Assoc. Prof. Agr. Econ.; Agr. Econ.*
*†Theodore Macklin, Ph. D., *Prof. Agr. Econ.; Agr. Econ.*
*M. C. Riley, LL. B., *Lect. in Agr. Econ.*
*Eleazer Tetreau, M. A., *Lect. in Agr. Econ.*
*F. L. Thomsen, M. S., *Asst. in Agr. Econ.*

**Education (Agr.):** *J. A. James, B. S., *Chair. of Dept. and Asst. Dean of Resident Instr.*
*K. L. Hatch, B. S., *Prof. Agr. Ed.*
*‡E. M. Tiffany, M. S., *Asst. Prof. Agr. Ed.*

**Engineering (Agr.):** *†‡E. R. Jones, M. S., *Chair. of Dept.*
*George Arbuthnot, B. S., *Asst. in Agr. Engin.*
*†‡F. W. Duffee, B. S., *Assoc. Prof. and Asst. Agr. Engin.*
*†N. S. Fish, B. S., *Asst. Agr. Engin.*
*‡E. R. Meacham, B. S., *Asst. in Agr. Engin.*
‡W. A. Rowlands, B. S., *Agr. Engin. Specialist (Land Clearing).*
*†‡J. H. Swenehart, B. S., *Prof. Agr. Engin. (Land Clearing); Agr. Engin.*
‡O. R. Zeasman, B. S., *Asst. Prof. Agr. Engin.*

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*†‡C. L. Fluke, jr., M. S., *Asst. Prof. and Asst. Econ. Ent.*
*†A. A. Granovsky, M. S., *Instr. and Asst. Econ. Ent.*
*†V. G. Milum, M. S., *Instr. and Asst. Econ. Ent.*
‡L. P. Whitehead, B. S., *Instr. Econ. Ent. (Coop. U. S. D. A.).*

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‡T. L. Bewick, M. S., *State Club Leader.*
‡G. M. Briggs, B. S., *Asst. County Agt. Leader.*
‡W. W. Clark, B. S., *Asst. County Agt. Leader.*
‡Mildred I. Hagerty, B. S., *Asst. State Club Leader.*
‡E. L. Luther, B. S., *Supvr. Ext. Courses and Schools and Supt. Farmers' Insts.*
‡Wakelin McNeel, B. S., *Asst. State Club Leader.*

**Genetics:** *†L. J. Cole,[2] Ph. D., *Chair. of Dept.*
†F. A. Abegg, M. S., *Asst. in Genetics.*
*†R. A. Brink, D. Sc., *Asst. Prof. Genetics; Asst. Geneticist.*
†Augustin Rodolfo, B. S., *Asst. in Genetics.*
†A. A. Saunders, B. S., *Asst. in Genetics.*
†D. G. Steele, M. S., *Asst. in Genetics.*
†Henry Stevens, M. S., *Asst. in Genetics.*
†E. E. Van Lone, B. S., *Asst. in Genetics.*

**Home Economics:** *††Abby L. Marlatt, M. S., *Chair. of Dept. and Dir. of Courses.*
*Ann G. Braun, M. S., *Instr. Home Econ.*
‡Lucy A. Case, B. S., *Home Econ. Specialist.*
*Mrs. Olive L. Cooper, B. S., *Instr. Home Econ.*
*Florence Corbin, B. S., *Instr. Home Econ.*
*May L. Cowles, M. S., *Asst. Prof. Home Econ.*
*Eleanor R. Craighill, B. S., *Instr. Home Econ.*
*Bernice F. Dodge, B. S., *Asst. Prof. Home Econ.*
‡Wealthy Hale, B. S., *Home Econ. Specialist.*
*Ruth Henderson, B. S., *Asst. Prof. Home Econ.*
*Ellen G. Hillstrom, B. S., *Asst. Prof. Home Econ.*
‡Mrs. Nellie K. Jones, M. S., *State Leader Home Econ. Ext.*
*Alice Kinslow, B. S., *Instr. Home Econ.*
‡Sadie A. McNulty, B. S., *Home Econ. Specialist.*
*Hazel Manning, M. S., *Asst. Prof. Home Econ.*
‡Gladys L. Meloche, M. S., *Home Econ. Specialist.*
*Dorothy R. Mendenhall, M. D., *Lect. in Home Econ.*
*Ruth H. Myrland, B. A., *Asst. to Chair. of Dept.*
*Helen T. Parsons, M. S., *Asst. Prof. Home Econ.*
‡Mary Purcell, B. S., *Home Econ. Specialist.*
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†Margaret Schwenker, B. S., *Asst. Home Econ.*
‡Gladys S. Stillman, Ph. B., *Home Econ. Specialist.*
*Dorothy B. Wood, B. S., *Instr. Home Econ.*
*Mrs. Mabel Wood, M. S., *Instr. Home Econ.*

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‡J. W. Brann, M. S., *Asst. Prof. Hort.*
‡. . H. Clifford, *Orchard and Gard. Dem.*
*††James Johnson, Ph. D., *Prof. Hort.; Hort.*
*‡Laura R. Kremers, B. A., *Asst. in Hort.*
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*†‡M. E. Luther, B. S., *Hort. Specialist.*

**Horticulture:**—Continued.
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*Maurice Mulvania, M. S., *Instr. Hort.*
*†G. T. Nightingale, M. S., *Instr. and Asst. Hort.*
*††R. H. Roberts, M. S., *Assoc. Prof. Hort.; Hort.*

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*‡Grace E. Langdon, B. S., *Instr. Agr. Journalism.*
*‡W. A. Sumner, B. S., *Assoc. Prof. Agr. Journalism, Asst. Editor.*

**Plant Pathology:** *††L. R. Jones, Ph. D., D. Sc., *Chair. of Dept.*
‡J. W. Brann, M. S., *Asst. Prof. Plant Path.*
*†J. G. Dickson, Ph. D., *Assoc. Prof. and Plant Path. (Coop. U. S. D. A.).*
*E. M. Gilbert, Ph. D., *Prof. Plant Path.*
†George Janssen, M. S., *Asst. in Plant Path.*
*†L. K. Jones, Ph. D., *Instr. and Asst. Plant Path. (Coop. U. S. D. A.).*
*†G. W. Keitt, Ph. D., *Prof. Plant Path.; Plant Path.*
*R. B. Streets, M. S., *Instr. Plant Path.*
‡R. E. Vaughan, M. S., *Assoc. Prof. Plant Path.*
†E. F. Vestal, M. S., *Asst. in Plant Path.*

**Soils:** *††A. R. Whitson, B. S., *Chair. of Dept.*
††A. R. Albert, B. S., *Asst. in Soils (P. O., Hancock).*
‡C. J. Chapman, B. S., *Asst. Prof. Soils and Chem. in State Soils Lab.*
*W. J. Geib, M. Agr., *Asst. Pref. Soils, Soil Survey Work (Coop. U. S. D. A.).*
*†E. J. Graul, M. S., *Asst. Prof. and Asst. in Soils.*
*††F. L. Musbach, B. S., *Assoc. Prof. Soils (P. O., Marshfield).*
*‡Griffith Richards, B. S., *Asst. Prof. Soils.*
*†H. W. Stewart, B. S., *Asst. Prof. and Asst. in Soils.*
*†Emil Truog, M. S., *Prof. Soils; Soils.*
††H. W. Ullsperger, B. S., *Asst. Prof. Soils (P. O., Sturgeon Bay).*
‡O. R. Zeasman, B. S., *Asst. Prof. Soils.*

**Veterinary Science:** *††F. B. Hadley, D. V. M., *Chair. of Dept.*
*A. S. Alexander, F. H., A. S., M. D. C., *Prof. Vet. Sci.*
*††B. A. Beach, D. V. M., *Assoc. Prof. Vet. Sci.; Vet.*
††E. M. Gildow, D. V. M., *Asst. in Vet. Sci.*

**Miscellaneous:**
††W. H. Ebling, B. S., *Asst. to Dean and Dir.*
‡A. J. Haas, *Executive Secy.*
*†C. S. Hean, B. A., *Libr.*
*†Mable C. Little, B. S., *Assoc. Prof. Institutional Admin.*
*†Margaret E. Smith, B. A., *Asst. in Institutional Admin.*

**Substations:**
Ashland, Spooner, and Peninsular Stas.—E. J. Delwiche, M. S., *in charge (P. O., Green Bay).*
Coddington—
Cranberry Sta., *P. O., Wisconsin Rapids*——
————, *in charge.*
Hancock—H. W. Ullsperger, B. S., *in charge (P. O., Sturgeon Bay).*
Marshfield—F. L. Musbach, B. S., *in charge.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.
[2] On leave.

## WYOMING.

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**Agronomy:** *†A. F. Vass, M. S., *Prof. Agron.; Agron.*
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‡D. J. Robertson, B. S., *Livestock and Dairy Specialist.*
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**Botany:** *†Aven Nelson, Ph. D., *Prof. Bot.; Bot.*
*†E. B. Payson, Ph. D., *Assoc. Prof. Bot.; Bot.*
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**Chemistry:** *L. E. Walter, M. S., *Prof. Chem. (State Chem.).*
*†O. A. Beath, M. A., *Prof. Chem.; Head Research Chem.*
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*P. T. Miller, M. A., *Prof. Chem.*
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